DVD
VIDEO

TV/DVD

Your Television's Directions for Use

STOP!

Read this manual first!
Congratulations on purchasing this Philips product.
We've included everything you need to get started.
If you have any problems, Philips Representatives can
help you get the most from your new product by explaining:
• Hookups,
• First Time Setup, and
• Feature Operation.
Do not attempt to return this product to the store.

For fast help, call us first!
1-800-531-0039

Thank you for making Philips a part of your home!

Let's make things better.

PHILIPS

Know these **safety** *symbols*

This "bolt of lightning" indicates uninsulated material within your unit may cause an electrical shock. For the safety of everyone in your household, please do not remove product covering.

The "exclamation point" calls attention to features for which you should read the enclosed literature closely to prevent operating and maintenance problems.

WARNING: TO PREVENT FIRE OR SHOCK HAZARD, DO NOT EXPOSE THIS EQUIPMENT TO RAIN OR MOISTURE.

CAUTION: To prevent electric shock, match wide blade of plug to wide slot, and fully insert.

ATTENTION: Pour éviter les chocs électriques, introduire la lame la plus large de la fiche dans la borne correspondante de la prise et pousser jusqu'au fond.

CAUTION
RISK OF ELECTRIC SHOCK
DO NOT OPEN

CAUTION: TO REDUCE THE RISK OF ELECTRIC SHOCK, DO NOT REMOVE COVER (OR BACK). NO USER-SERVICEABLE PARTS INSIDE. REFER SERVICING TO QUALIFIED SERVICE PERSONNEL.
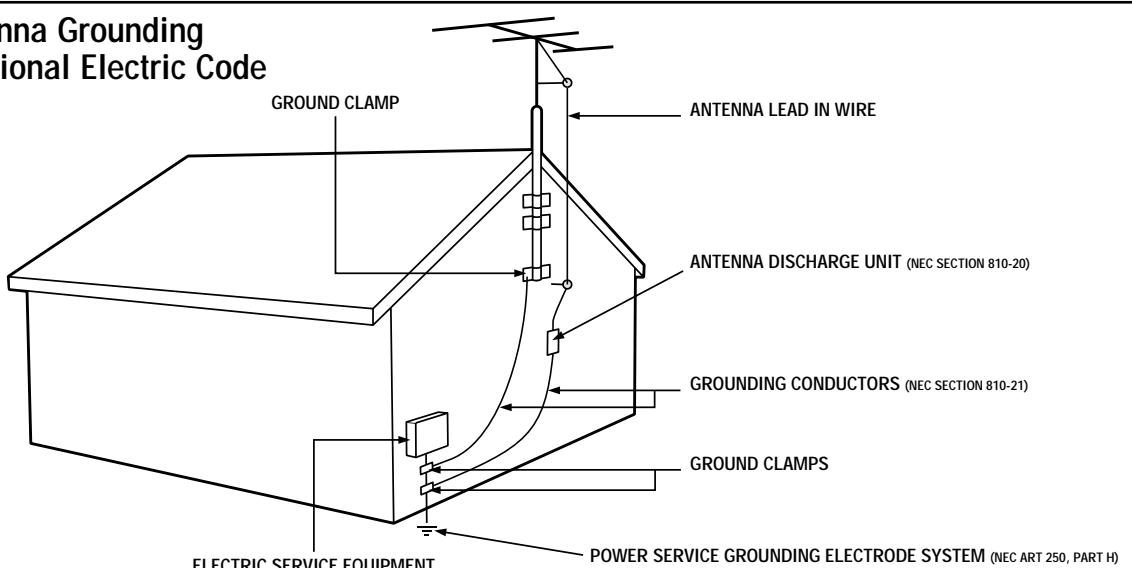
IMPORTANT SAFETY INSTRUCTIONS
Read before operating equipment

1. Read these instructions.
2. Keep these instructions.
3. Heed all warnings.
4. Follow all instructions.
5. Do not use this apparatus near water.
6. Clean only with a dry cloth.
7. Do not block any of the ventilation openings. Install in accordance with the manufacturers instructions.
8. Do not install near any heat sources such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.
9. Do not defeat the safety purpose of the polarized or grounding-type plug. A polarized plug has two blades with one wider than the other. A grounding type plug has two blades and third grounding prong. The wide blade or third prong are provided for your safety. When the provided plug does not fit into your outlet, consult an electrician for replacement of the obsolete outlet.
10. Protect the power cord from being walked on or pinched particularly at plugs, convenience receptacles, and the point where they exit from the apparatus.
11. Only use attachments/accessories specified by the manufacturer.
12. Use only with a cart, stand, tripod, bracket, or table specified by the manufacturer, or sold with the apparatus. When a cart is used, use caution when moving the cart/apparatus combination to avoid injury from tip-over.
13. Unplug this apparatus during lightning storms or when unused for long periods of time.
14. Refer all servicing to qualified service personnel. Servicing is required when the apparatus has been damaged in any way, such as power-supply cord or plug is damaged, liquid has been spilled or objects have fallen into apparatus, the apparatus has been exposed to rain or moisture, does not operate normally, or has been dropped.
15. This product may contain lead and mercury. Disposal of these materials may be regulated due to environmental considerations. For disposal or recycling information, please contact your local authorities or the Electronic Industries Alliance: www.eiae.org

16. **Damage Requiring Service** - The appliance should be serviced by qualified service personnel when:
    A. The power supply cord or the plug has been damaged; or
    B. Objects have fallen, or liquid has been spilled into the appliance; or
    C. The appliance has been exposed to rain; or
    D. The appliance does not appear to operate normally or exhibits a marked change in performance; or
    E. The appliance has been dropped, or the enclosure damaged.
17. **Tilt/Stability** - All televisions must comply with recommended international global safety standards for tilt and stability properties of its cabinet design.
    • Do not compromise these design standards by applying excessive pull force to the front, or top, of the cabinet which could ultimately overturn the product.
    • Also, do not endanger yourself, or children, by placing electronic equipment/toys on the top of the cabinet. Such items could unsuspectingly fall from the top of the set and cause product damage and/or personal injury.
18. **Wall or Ceiling Mounting** - The appliance should be mounted to a wall or ceiling only as recommended by the manufacturer.
19. **Power Lines** - An outdoor antenna should be located away from power lines.
20. **Outdoor Antenna Grounding** - If an outside antenna is connected to the receiver, be sure the antenna system is grounded so as to provide some protection against voltage surges and built up static charges.
    Section 810 of the National Electric Code, ANSI/NFPA No. 70-1984, provides information with respect to proper grounding of the mats and supporting structure grounding of the lead-in wire to an antenna discharge unit, size of grounding connectors, location of antenna-discharge unit, connection to grounding electrodes and requirements for the grounding electrode. See Figure below.
21. **Object and Liquid Entry** - Care should be taken so that objects do not fall and liquids are not spilled into the enclosure through openings.

Note to the CATV system installer: This reminder is provided to call the CATV system installer's attention to Article 820-40 of the NEC that provides guidelines for proper grounding and, in particular, specifies that the cable ground shall be connected to the grounding system of the building, as close to the point of cable entry as practical.

Example of Antenna Grounding
as per NEC - National Electric Code

GROUND CLAMP

ANTENNA LEAD IN WIRE

ANTENNA DISCHARGE UNIT (NEC SECTION 810-20)

GROUNDING CONDUCTORS (NEC SECTION 810-21)

GROUND CLAMPS

POWER SERVICE GROUNDING ELECTRODE SYSTEM (NEC ART 250, PART H)

ELECTRIC SERVICE EQUIPMENT

SAFETY INSTRUCTIONS - Read before operating equipment

Safety Precautions
Warning: To prevent fire or shock hazard, do not expose this equipment to rain or moisture.
Federal Communications Commission (FCC) Warning: Any unauthorized changes or modifications to this equipment void the user's authority to operate it.

Laser Safety
This unit employs a laser. Only a qualified service person should remove the cover or attempt to service this device, due to possible eye injury.
CAUTION: USE OF CONTROLS OR ADJUSTMENTS OR PERFORMANCE OF
PROCEDURES OTHER THAN THOSE SPECIFIED HEREIN MAY RESULT IN
HAZARDOUS RADIATION EXPOSURE.
CAUTION: VISIBLE AND INVISIBLE LASER RADIATION WHEN OPEN AND INTERLOCK DEFEATED. DO NOT STARE INTO BEAM. THE BEAM IS LOCATED INSIDE, NEAR THE DECK MECHANISM.

Special Information for Canadian Users
This digital apparatus does not exceed the Class B limits for radio noise emissions from digital apparatus as set out in the Radio Interference Regulations of the Canadian Department of Communications.

Radio/TV Interference
This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:
1) Reorient or relocate the receiving antenna.
2) Increase the separation between the equipment and the receiver.
3) Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
4) Consult the dealer or an experienced radio/TV technician for help.

WARNING
To reduce the risk of fire or electric shock, do not expose this appliance to rain or moisture.

CAUTION
Use of controls or adjustments or performance of procedures other than herein may result in hazardous radiation exposure.
The set complies with the FCC-Rules, Part 15 and with 21 CFR 1040.10.

Copyright Protection
Unauthorized copying, broadcasting, public performance and lending of Discs are prohibited.
This product incorporates copyright protection technology that is protected by method claims of certain U.S. patents and other intellectual property rights owned by Macrovision Corporation and other rights owners.
Use of this copyright protection technology must be authorized by Macrovision Corporation and is intended for home and other limited viewing uses only unless otherwise authorized by Macrovision Corporation. Reverse engineering or disassembly is prohibited.

Declaration of Conformity
Trade Name: Philips
Responsible Party: Philips Consumer Electronics
                     P.O. Box 14810
                     Knoxville, TN 37914-1810
                     (865) 521-4316

**CLASS 1
LASER PRODUCT**
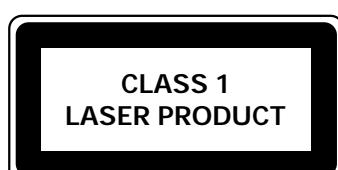
LASER SAFETY

This unit employs a laser. Due to possible eye injury, only a qualified service person should remove the cover or attempt to service this device.

USE OF CONTROLS OR ADJUSTMENTS OR PERFORMANCE OF PROCEDURES OTHER THAN THOSE SPECIFIED HEREIN MAY RESULT IN HAZARDOUS RADIATION EXPOSURE.

LASER
Type   Semiconductor
laser GaAlAs
Wave length   650 nm (DVD)
                     785 nm (VCD/CD)
Output Power   7 mW (DVD)
                     10 mW (VCD/CD)
Beam divergence   60 degree
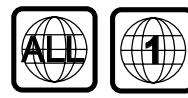
The region code for this set is ALL or 1. DVDs must be labeled for ALL regions or for Region 1 in order to play on this TV/DVD Player. You can not play Discs that are labeled for other regions. Look for the symbols above on your DVDs. If these region symbols do not appear on your DVDs, you can not play the DVD in this TV/DVD Player.

CAUTION
**RISK OF ELECTRIC SHOCK
DO NOT OPEN**

CAUTION: TO REDUCE THE RISK OF ELECTRIC SHOCK, DO NOT REMOVE COVER (OR BACK). NO USER-SERVICEABLE PARTS INSIDE. REFER SERVICING TO QUALIFIED SERVICE PERSONNEL.

NOTE: PICTURES SHOWN MAYBE DIFFERENT BETWEEN COUNTRIES.

NEVER MAKE OR CHANGE CONNECTIONS WITH THE POWER SWITCHED ON.

CAUTION

VISIBLE AND INVISIBLE LASER RADIATION WHEN OPEN AVOID EXPOSURE TO BEAM (WARNING LOCATION: INSIDE ON LASER COVERSHIELD OR THE BACKPLATE OF SET)

This product incorporates copyright protection technology that is protected by method claims of certain U.S. patents and other intellectual property rights owned by Macrovision Corporation and other rights owners. Use of this copyright protection technology must be authorized by Macrovision Corporation, and is intended for home and other limited viewing uses only unless otherwise authorized by Macrovision Corporation. Reverse engineering or disassembly is prohibited.

TABLE OF CONTENTS

NOTE: This owner's manual may be used with several different television models. Not all features (and drawings) discussed in this manual will necessarily match those found with your television system. This is normal and does not require that you contact your dealer or request service.

AutoLock, AutoPicture, AutoSound,
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Audio/Video Jack Panel allows direct connections with accessory devices, providing quality TV picture and sound playback.

Audio Volume Leveler (AVL) Control keeps the TV sound at an even level. Peaks and valleys that occur during program changes or commercial breaks are reduced, making for a more consistent, comfortable sound.

AutoLock™ allows you to block the viewing of certain channels or programs with certain ratings if you do not want your children to view inappropriate materials.

Auto Programming scans (when activated) for all available channels from regular antenna or cable signals and stores only active broadcast stations in the TV's memory.

AutoPicture™ allows you to change the picture settings (color, tint, contrast, etc.) for various types of programming, such as sports, movies, multimedia (games), or weak signals with the push of one button.

AutoSound™ allows you to select from three factory-set controls and a personal control that you set according to your own preferences through the on-screen Sound menu. The three factory-set controls (Voice, Music, and Theatre) enable you to tailor the TV sound so as to enhance the particular programming you are watching.

Channel Edit allows you to add or delete channels from the list stored in the TV's memory. Channel Edit makes it easy to limit or expand the number of channels that are available to you when you press the Channel (+) or (−) buttons on your remote control.

Closed Captioning allows the viewer to read TV program dialogue or voice conversations as on-screen text.

Contrast + helps you sharpen the picture quality by making dark portions of the picture darker and light portions brighter.

Infrared Remote Control controls your TV and the built in DVD player.

On-screen Menu shows helpful messages and instructions for setting TV feature controls (can be viewed in English, French, or Spanish).

Sleep Timer automatically turns the TV OFF after a set amount of time that you choose.

Standard Broadcast (VHF/UHF) or Cable TV (CATV) channel capability allows for viewing by antenna or cable.

Stereo capability, including a built-in audio amplifier and twin-speaker system, allows for the reception of TV programs broadcast in stereo sound.

Surf Button allows you to easily switch among only the channels that are of interest to you (the ones that you have programmed into the TV's Surf control through the on-screen menu).

Timer allows you to set your TV to turn itself ON and OFF once or daily like an alarm clock.

DVD Player plays DVD discs, Video CDs, Audio CDs, etc. Create Favorite Track Programs and store them in the TV/DVD Players memory.

Playable Disc Types

This DVD Player will play Digital Video Discs (DVDs), Audio CDs, CD-Rs and CD-RW discs. In order to play a DVD or Audio CD on this DVD Player, make sure the Disc meets the requirements for the Region Code as described on page 4.

The Discs should contain the logos shown below and meet the standards listed for each.

Disc Type	Logo	Contents	Disc Size	Maximum Playback Time	Disc Segments
Digital Video Disc	DVD VIDEO	Sound and Pictures	12 cm	Approx. 4 hours (single-sided) Approx. 8 hours (double-sided)	DVDs are divided into Titles, which are divided into Chapters. Titles and Chapters are numbered.
			8 cm	Approx. 80 minutes (single-sided) Approx. 160 minutes (double-sided)	
Audio CD	COMPACT DISC DIGITAL AUDIO	Sound	12 cm	74 minutes	Audio CDs are divided into numbered Tracks, i.e., a track may be one song.
			8 cm (singles)	20 minutes	
Video CD	COMPACT DISC DIGITAL VIDEO	Sound and Pictures			Video CDs are divided into Tracks.
Compact Disc Recordable	COMPACT DISC Recordable	Sound and Pictures	12 cm	74 minutes	
			8 cm (singles)	20 minutes	
Compact Disc Rewritable	Rewritable	Sound and Pictures	12 cm	74 minutes	

CLEANING DISCS

Some problems occur because the disc inside the player is dirty. To avoid these problems clean your discs regularly, in the following way:

• When a disc becomes dirty, clean it with a CD cleaning cloth. Wipe the disc from the center out.

Caution: Do not use solvents such as benzine, thinner, commercially available cleaners, or anti-static spray intended for analog discs.

END-OF-LIFE DISPOSAL

Your new television and its packing contain materials that can be recycled and reused. Specialized companies can recycle your product to increase the amount of reusable materials and minimize the amounts that need to be properly disposed.

Your product also uses batteries that should not be thrown away when depleted, but should be handed in and disposed of as small chemical waste.

When you replace your existing equipment, please find out about the local regulations regarding disposal of your old television, batteries, and packing materials.

To adjust your TV picture controls, select a channel and follow these steps.

(BEGIN)

1. **Press the MENU button** on the remote control to show the on-screen menu. PICTURE will be highlighted.

2. **Press the CURSOR RIGHT button** and the menu will shift to the left. BRIGHTNESS will be highlighted and an adjustment bar will be shown to the right.

3. **Use the CURSOR LEFT or CURSOR RIGHT button** to adjust the BRIGHTNESS level of the picture.

4. After adjusting the BRIGHTNESS control, **press the CURSOR DOWN button** to select another picture adjustment: COLOR, PICTURE, SHARPNESS, TINT, OR COLOR TEMP. **Press the CURSOR LEFT or CURSOR RIGHT button** to adjust the selected control.

   NOTE: The menu will show only five items at a time, so you will need to continue scrolling with the CURSOR DOWN button to adjust the TINT and COLOR TEMP.

5. **Press the STATUS button** to remove the menu from the screen.

STOP

Remember, when the bar scale is centered ▬▬▬■▬▬▬ , the control settings are at normal, mid-range levels. Picture adjustments are described here.

BRIGHTNESS – adds or subtracts light from the darkest part of the picture.

COLOR – adds or eliminates color.

PICTURE – improves the detail of the lightest parts of the picture.

SHARPNESS – improves the detail in the picture.

TINT – adjusts the picture to obtain natural skin tones.

COLOR TEMP offers NORMAL, COOL, or WARM picture preferences.

NORMAL – keeps whites, white.

COOL – makes whites, bluish.

WARM – makes whites, reddish.

PICTURE   BRIGHTNESS
● SOUND   COLOR
● FEATURES   PICTURE
● INSTALL   SHARPNESS
               TINT

PICTURE ▲
◄ BRIGHTNESS ━━━━━ 30
● COLOR
● PICTURE
● SHARPNESS

PICTURE ▲
● BRIGHTNESS
◄ COLOR ━━━━━ 30
● PICTURE
● SHARPNESS

PICTURE ▲
● BRIGHTNESS
● COLOR
◄ PICTURE ━━━━━ 30
● SHARPNESS

PICTURE ▲
● BRIGHTNESS
● COLOR
● PICTURE
◄ SHARPNESS ━━━━━ 30
▼ TINT

PICTURE ▲
● BRIGHTNESS
● COLOR
● PICTURE
● SHARPNESS
◄ TINT ━━━━━ 0
▼

PICTURE ▲
● COLOR
● PICTURE
● SHARPNESS
● TINT
◄ COLOR TEMP   NORMAL
▼

OR

◄ COLOR TEMP   WARM

OR

◄ COLOR TEMP   COOL

*D*ue to many reasons, such as poor cable reception, the picture can sometimes appear slightly "speckled" (an indication of signal noise in the picture). The DNR (Dynamic Noise Reduction) control can help eliminate this type of interference and improve the quality of the picture.

(BEGIN)

1. **Press the MENU button** on the remote to show the on-screen menu. PICTURE will be highlighted.

2. **Press the CURSOR RIGHT button** and the menu will shift to the left. BRIGHTNESS will be highlighted.

3. **Press the CURSOR DOWN button** repeatedly until the DNR control is highlighted.

4. **Press the CURSOR RIGHT button** to switch DNR ON or press the CURSOR LEFT button to switch DNR OFF.

5. **Press the STATUS button** to remove the menu from the screen.

(STOP)

PICTURE	BRIGHTNESS
● SOUND	COLOR
● FEATURES	PICTURE
● INSTALL	SHARPNESS
	TINT

PICTURE
▲
◄ BRIGHTNESS ▬▬ 30
● COLOR
● PICTURE
● SHARPNESS
● TINT
▼

PICTURE
▲
● PICTURE
● SHARPNESS
● TINT
● COLOR TEMP
◄ DNR   ●▸ ON
●
▼

OR

◄ DNR   ●▸ OFF

SLEEP   POWER

TV   SOURCE STATUS CC CLOCK

REPEAT REPEAT   SCAN
        A-B
DVD
① ② ③
④ ⑤ ⑥
⑦ ⑧ ⑨
SOUND   PICTURE
⓪

MENU   OK

+   +
         CH
     MUTE
T/C   AUDIO FTS ANGLE

PREVIOUS ZOOM SUBTITLE NEXT

REVERSE STOP PLAY FORWARD

INCR.SURR. PAUSE SURF

OPEN/CLOSE
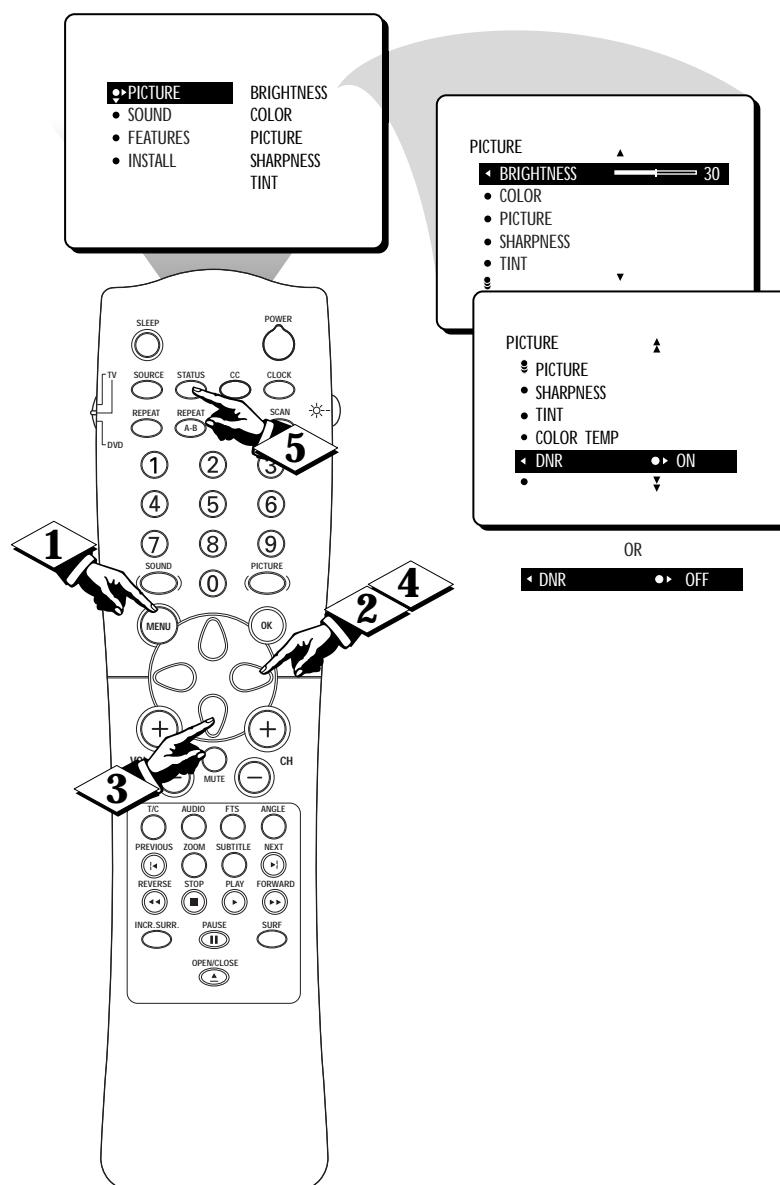
The Contrast + Control helps you sharpen the picture quality by making dark portions of the picture darker and light portions of the picture brighter.

BEGIN

1   **Press the MENU button** on the remote control to show the on-screen menu. PICTURE will be highlighted.

2   **Press the CURSOR RIGHT button** and the menu will shift to the left. BRIGHTNESS will be highlighted.

3   **Press the CURSOR DOWN button** repeatedly until the Contrast + control is highlighted.

4   **Press the CURSOR RIGHT button** to switch between ON and OFF.

5   **Press the STATUS button** to remove the menu from the screen.

STOP

▸ PICTURE	BRIGHTNESS
● SOUND	COLOR
● FEATURES	PICTURE
● INSTALL	SHARPNESS
	TINT

PICTURE   ▲
◄ BRIGHTNESS ▬▬▬ 30
● COLOR
● PICTURE
● SHARPNESS
● TINT
▼

PICTURE   ▲
§ SHARPNESS
● TINT
● COLOR TEMP
● DNR
◄ CONTRAST +   ●▸ ON

OR

◄ CONTRAST +   ●▸ OFF

9
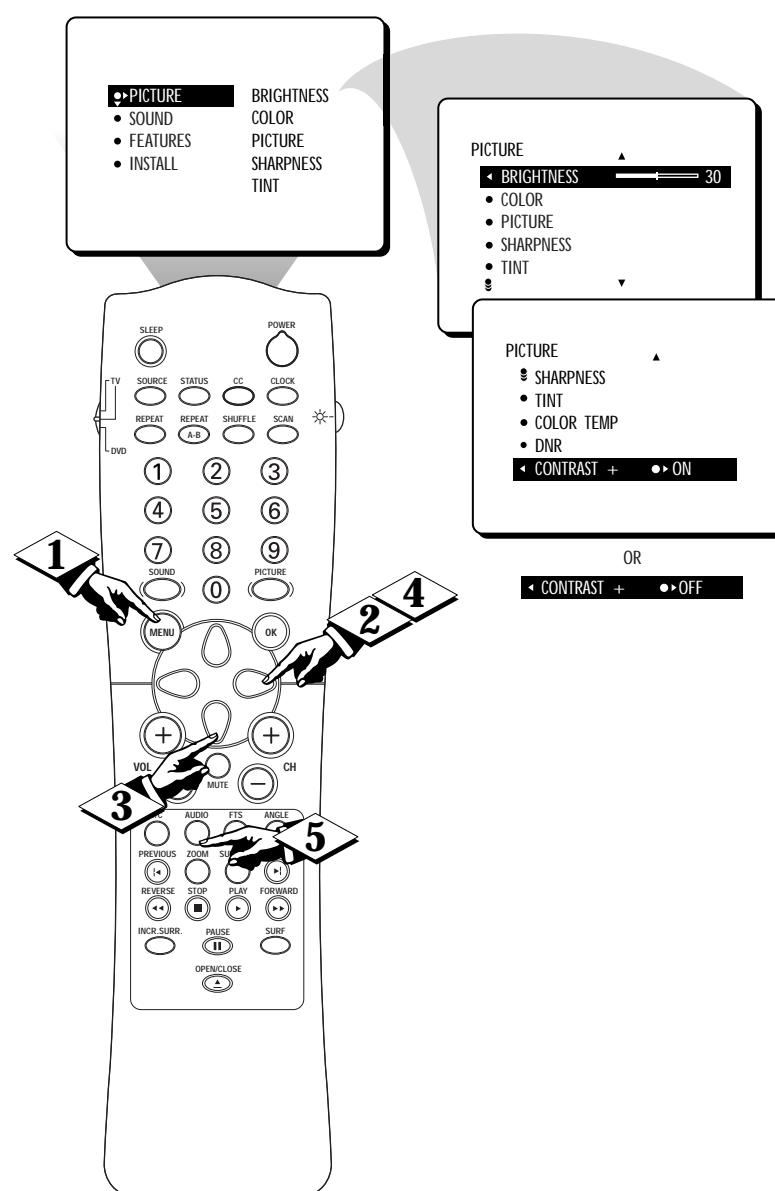
Your television comes with an on-screen clock. During normal operation, the clock appears on the screen when the STATUS button is pressed or if the TIMER DISPLAY control is turned ON.

BEGIN

1. **Press the MENU button** on the remote control to show the on-screen menu.

2. **Press the CURSOR DOWN button** twice to highlight FEATURES.

3. **Press the CURSOR RIGHT button** and the menu will shift to the left. TIMER will be highlighted.

4. **With TIMER selected, press the CURSOR RIGHT button** again to shift the display left and highlight the TIME control.

5. **Press the CURSOR RIGHT button** again to highlight the time indicator area.

6. **Press the CURSOR LEFT or CURSOR RIGHT button** to select the position or digit you wish to enter.

7. **Press the CURSOR UP or CURSOR DOWN button** to select the digits for the time. **Or press the NUMBERED buttons** to enter the correct time.

8. **Press the CURSOR RIGHT button** to move to the AM or PM position.

9. **Press the CURSOR UP or DOWN button** to set AM or PM.

10. **Press the STATUS button** to remove the menu from the screen.

STOP

SMART HELP

Remember, be sure to press *0* first and then the hour number for single-digit entries.

The TV's clock settings may be lost when the TV is unplugged (or when AC power to the set is interrupted).

- PICTURE   TIMER
- SOUND   AutoLock
- FEATURES   CLOSED CAP
- INSTALL   FORMAT
                 BLUE MUTE

FEATURES
TIMER
- TIMER   TIME
- AutoLock   START TIME
- CLOSED CAP   STOP TIME
- FORMAT   CHANNEL
- BLUE MUTE   TUNER MODE

FEATURES
TIMER
- TIME   _ _:_ _ AM
- START TIME
- STOP TIME
- CHANNEL
- ACTIVATE

FEATURES
TIMER
- TIME   10:30 AM
- START TIME
- STOP TIME
- CHANNEL
- ACTIVATE

11. **NOTE:** The TIME (Clock) feature can be accessed directly by pressing the CLOCK button on the remote control, and then by simply following steps 5 through 10 to complete the task.

FEATURES
TIMER
- TIME   _ _:_ _ AM
- START TIME
- STOP TIME
- CHANNEL
- ACTIVATE

Just as you would an alarm clock, you can set the TV to turn itself ON once or at the same time every day. Follow these steps to set the Start Time.

BEGIN

1 **Press the MENU button** on the remote control to show the on-screen menu.

2 **Press the CURSOR DOWN button** twice to highlight FEATURES.

3 **Press the CURSOR RIGHT button** and the menu will shift to the left. TIMER will be highlighted.

4 **Press the CURSOR RIGHT button** again to shift the display left. Then **press the CURSOR DOWN button** once to highlight the START TIME control.

5 **Press the CURSOR RIGHT button** again to highlight the time indicator area.

6 **Press the CURSOR RIGHT or CURSOR LEFT button** to move among the positions where the time is input.

7 **Press the CURSOR UP or CURSOR DOWN button** to select the digits for the time. **Or press the NUMBERED buttons** to enter the correct time.

8 **Press the CURSOR RIGHT button** to move to the AM or PM position.

9 **Press the CURSOR UP or DOWN button** to set AM or PM.

10 **Press the STATUS button** to remove the menu from the screen.

STOP

- PICTURE   TIMER
- SOUND   AutoLock
- FEATURES   CLOSED CAP
- INSTALL   FORMAT
                        BLUE MUTE

FEATURES
- TIMER   TIME
- AutoLock   START TIME
- CLOSED CAP   STOP TIME
- FORMAT   CHANNEL
- BLUE MUTE   ACTIVATE

FEATURES
TIMER
- TIME   ▲
- START TIME   ● _ _:_ _ AM
- STOP TIME
- CHANNEL
- ACTIVATE   ▼

FEATURES
TIMER
- TIME   ▲
- START TIME   ● _ _:_ _ AM
- STOP TIME
- CHANNEL
- ACTIVATE   ▼
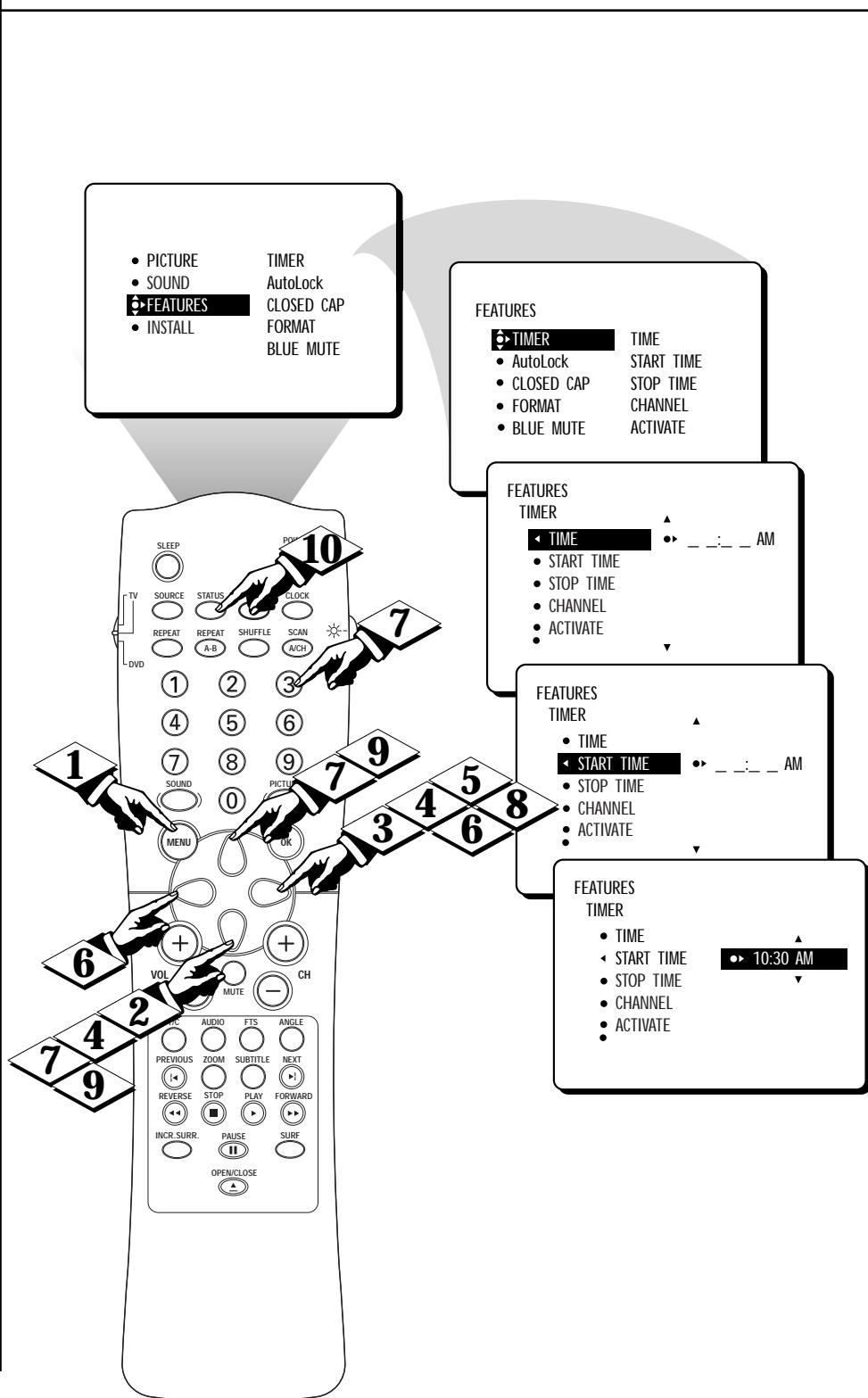
FEATURES
TIMER
- TIME   ▲
- START TIME   ● 10:30 AM
- STOP TIME   ▼
- CHANNEL
- ACTIVATE

*U*se the START TIME control to set the TV to turn itself ON once or at the same time every day (see page 13 for details). The following steps will guide you in setting the TV to turn itself OFF once or at the same time every day.
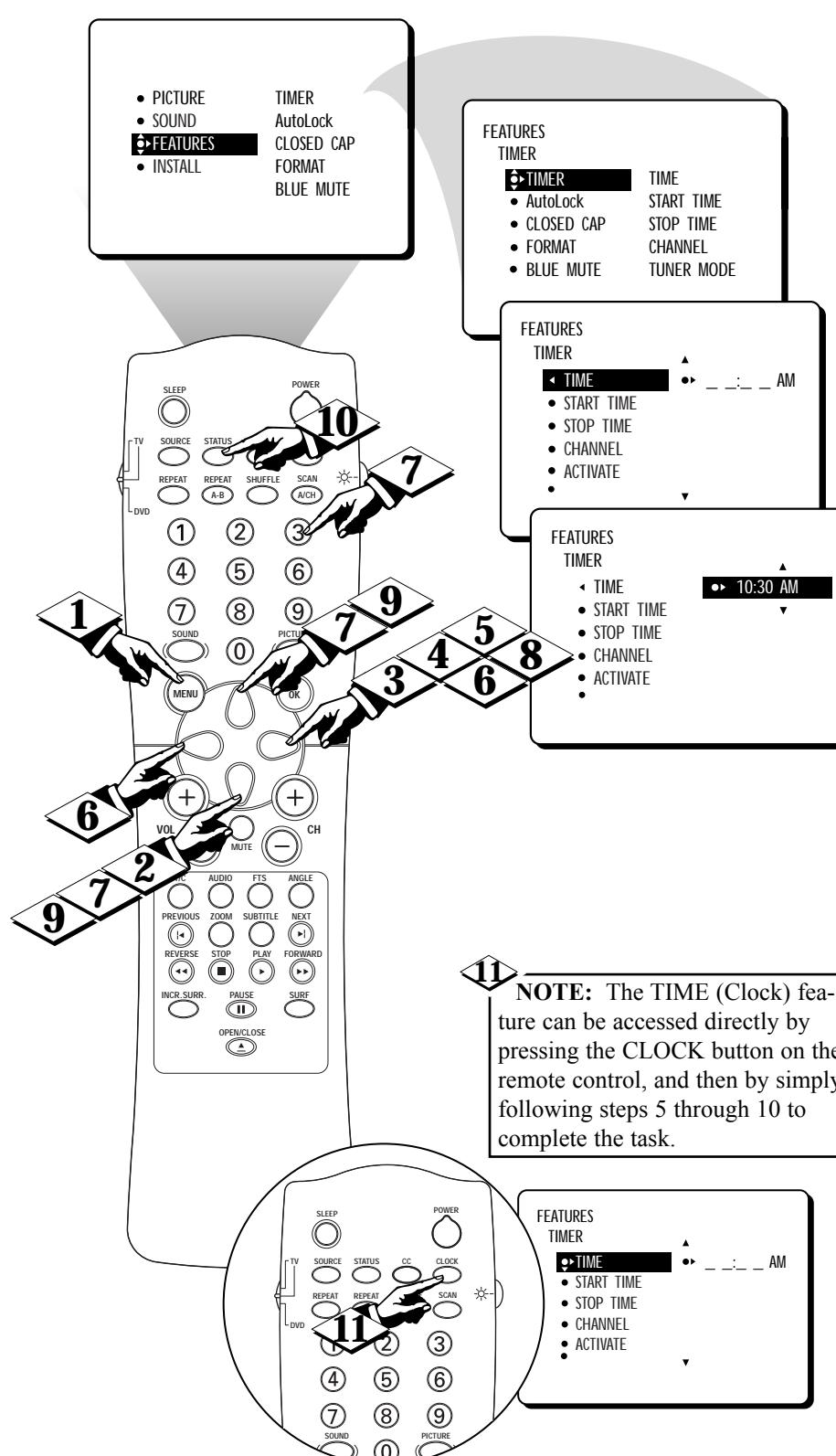
(BEGIN)

1 **Press the MENU button** on the remote control to show the on-screen menu.

2 **Press the CURSOR DOWN button** twice to highlight FEA-TURES.

3 **Press the CURSOR RIGHT button** and the menu will shift to the left. TIMER will be highlighted.

4 **Press the CURSOR RIGHT button again** to shift the display left. Then **press the CURSOR DOWN button** once twice to highlight the STOP TIME control.

5 **Press the CURSOR RIGHT button** again to highlight the time indicator area.

6 **Press the CURSOR RIGHT or CURSOR LEFT button** to move among the positions where the time is input.

7 **Press the CURSOR UP or CURSOR DOWN button** to select the digits for the time. **Or press the NUMBERED buttons** to enter the correct time.

8 **Press the CURSOR RIGHT button** to move to the AM or PM position.

9 **Press the CURSOR UP or DOWN button** to set AM or PM.

10 **Press the STATUS button** to remove the menu from the screen.

STOP

- PICTURE   TIMER
- SOUND   AutoLock
- FEATURES   CLOSED CAP
- INSTALL   FORMAT
      BLUE MUTE

FEATURES
- TIMER   TIME
- AutoLock   START TIME
- CLOSED CAP   STOP TIME
- FORMAT   CHANNEL
- BLUE MUTE   ACTIVATE

FEATURES
TIMER
- TIME   ▲   ◄► _ _:_ _ AM
- START TIME
- STOP TIME
- CHANNEL
- ACTIVATE   ▼

FEATURES
TIMER
- TIME   ▲
- START TIME
- STOP TIME   ◄► _ _:_ _ AM
- CHANNEL
- ACTIVATE   ▼

FEATURES
TIMER
- TIME
- START TIME   ▲
- STOP TIME   ◄► 10:30 AM
- CHANNEL   ▼
- ACTIVATE
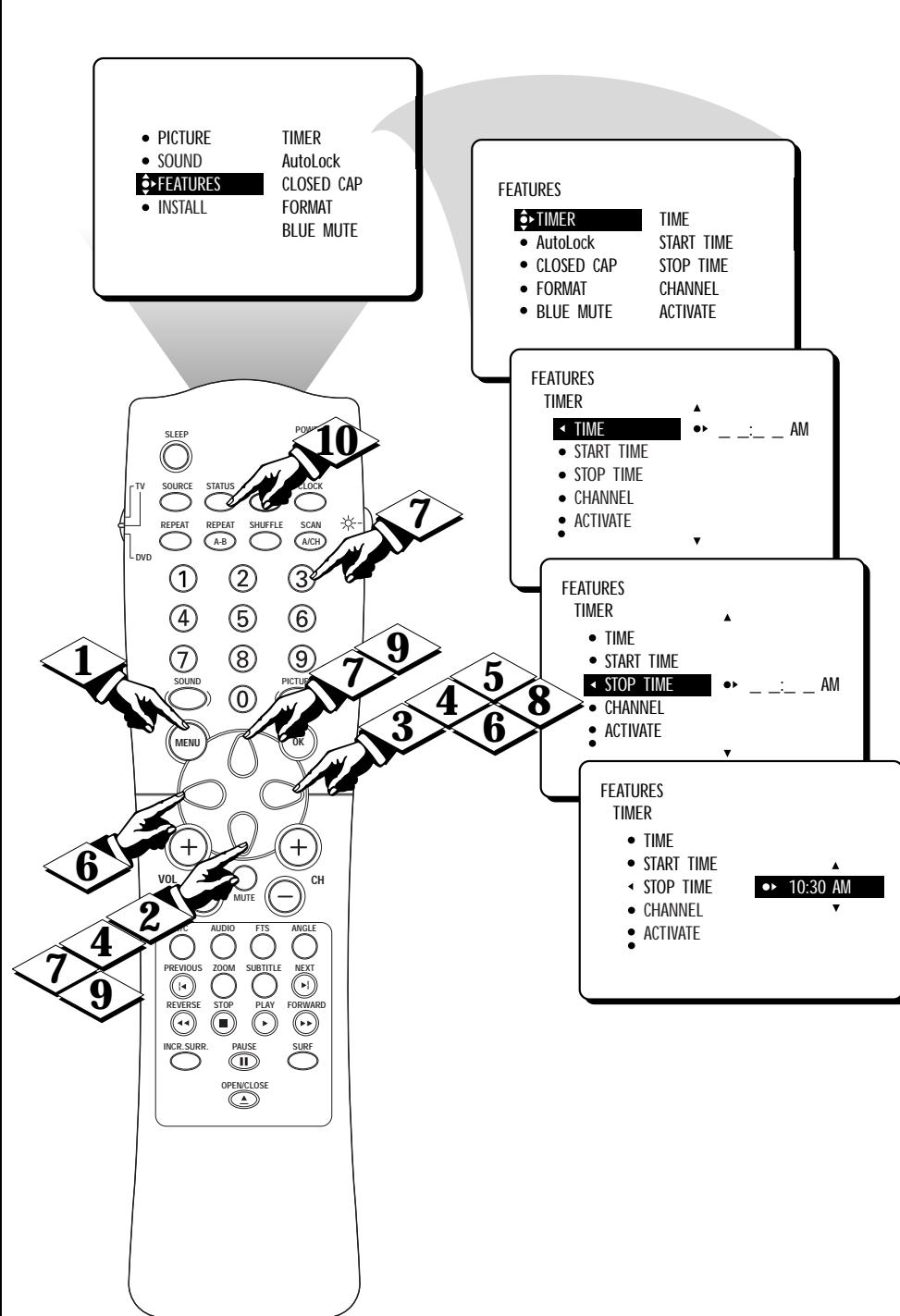
You can select a specific channel that the television will tune to when the timer turns the set ON. Follow these steps to select the channel.

BEGIN

1 **Press the MENU button** on the remote control to show the on-screen menu.

2 **Press the CURSOR DOWN button** twice to highlight FEATURES.

3 **Press the CURSOR RIGHT button** and the menu will shift to the left. TIMER will be highlighted.

4 **Press the CURSOR RIGHT button** again to shift the menu to the left. Then **press the CURSOR DOWN button** repeatedly until the CHANNEL control is highlighted.

5 **Press the NUMBERED buttons** to enter the desired start-up channel. **Or, press the CURSOR RIGHT button** repeatedly to enter the start-up channel you want.

6 **Press the STATUS button** to remove the menu from the screen.

STOP

• PICTURE   TIMER
• SOUND   AutoLock
• FEATURES   CLOSED CAP
• INSTALL   FORMAT
          BLUE MUTE

FEATURES
• TIMER   TIME
• AutoLock   START TIME
• CLOSED CAP   STOP TIME
• FORMAT   CHANNEL
• BLUE MUTE   ACTIVATE

FEATURES
TIMER
◄ TIME   ●► _ _:_ _ AM
• START TIME
• STOP TIME
• CHANNEL
• ACTIVATE
•

FEATURES
TIMER
• TIME
• START TIME
• STOP TIME
◄ CHANNEL   ●► 12
• ACTIVATE
•

FEATURES
TIMER
• TIME
• START TIME
• STOP TIME
◄ CHANNEL   ●► 13
• ACTIVATE
•

SLEEP

TV
SOURCE STATUS CLOCK
REPEAT REPEAT SHUFFLE SCAN
DVD   A-B   A/CH

① ② ③
④ ⑤ ⑥
⑦ ⑧ ⑨
SOUND ⓪ PICTURE

MENU   OK

VOL   +   + CH
       MUTE   −

AUDIO FTS ANGLE
PREVIOUS ZOOM SUBTITLE NEXT
REVERSE STOP PLAY FORWARD
INCR.SURR. PAUSE SURF
OPEN/CLOSE

After you have set the Time, Start Time, Stop Time, and Start Channel, the timer must be set to come on ONCE or DAILY, or turned OFF through the ACTIVATE control.

(BEGIN)

① **Press the MENU button** on the remote control to show the on-screen menu.

② **Press the CURSOR DOWN button** twice to highlight FEA-TURES.

③ **Press the CURSOR RIGHT button** and the menu will shift to the left. TIMER will be highlight-ed.

④ **Press the CURSOR RIGHT button** again to shift the display to the left. Then **press the CURSOR DOWN button** repeatedly until the ACTIVATE control is highlighted.

⑤ **Press the CURSOR RIGHT button** again to set ACTIVATE to ONCE; **press the CURSOR RIGHT button** again for DAILY; and **press the CURSOR RIGHT button** again to toggle ACTIVATE to OFF.

⑥ **Press the STATUS button** to remove the menu from the screen.

STOP
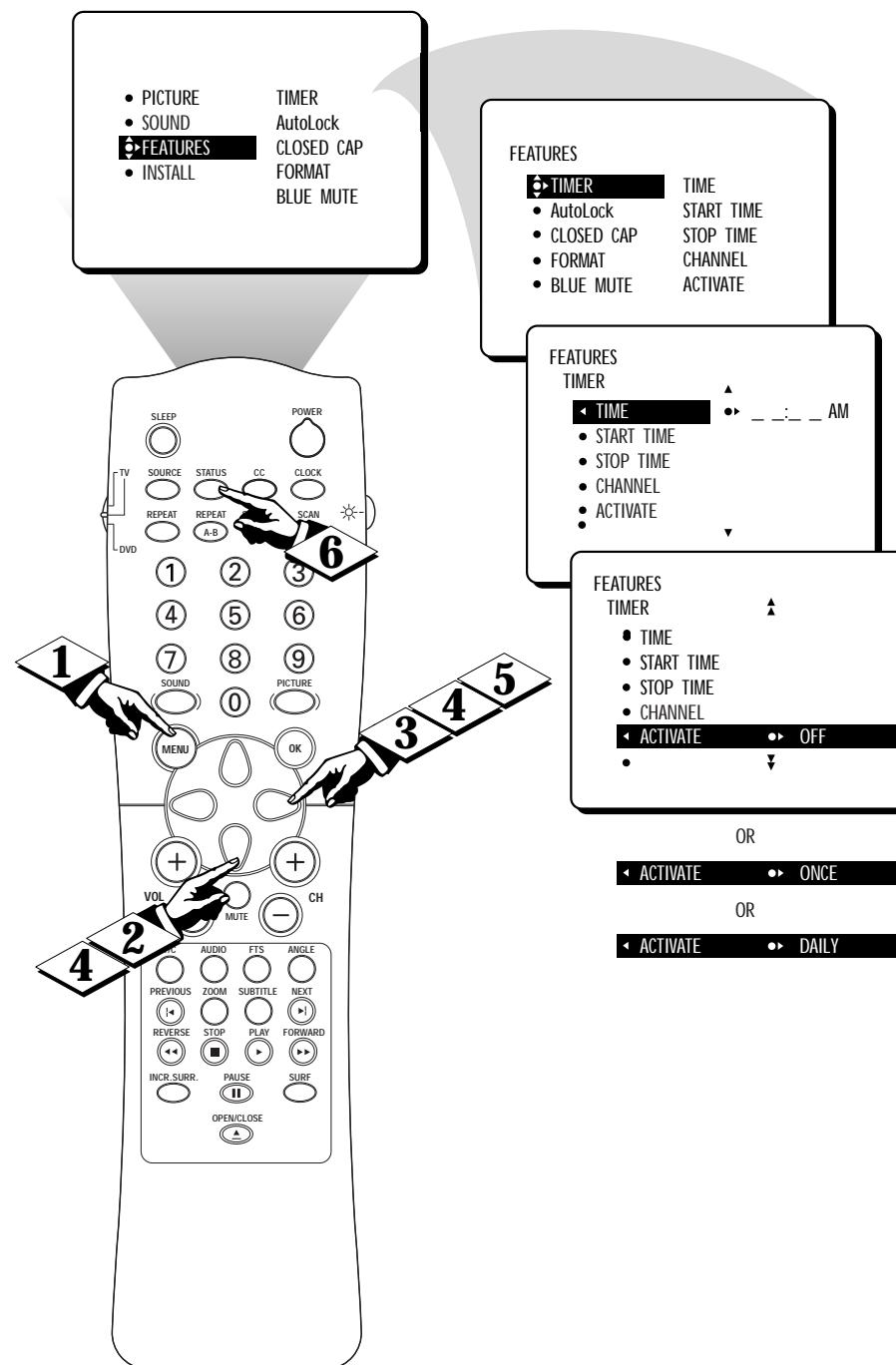
SMART HELP

💡 Remember, before set-ting the TIMER controls, the TV's clock must be set to the correct time (see page 10).

Try it! After following the steps on pages 10-15, use your TV as an alarm clock.

• PICTURE   TIMER
• SOUND   AutoLock
❖FEATURES   CLOSED CAP
• INSTALL   FORMAT
                   BLUE MUTE

FEATURES
❖TIMER   TIME
• AutoLock   START TIME
• CLOSED CAP   STOP TIME
• FORMAT   CHANNEL
• BLUE MUTE   ACTIVATE

FEATURES
TIMER   ▲
◄ TIME   ●▸ _ _:_ _ AM
• START TIME
• STOP TIME
• CHANNEL
• ACTIVATE
                   ▼

FEATURES   ▲
TIMER   ▼
● TIME
• START TIME
• STOP TIME
• CHANNEL
◄ ACTIVATE   ●▸ OFF
•   ▼

OR

◄ ACTIVATE   ●▸ ONCE

OR

◄ ACTIVATE   ●▸ DAILY

After the TV's clock has been set, you can use your TV as a clock. The TIMER DISPLAY control allows you to permanently display the time in the upper right corner of the screen.

BEGIN

1 **Press the MENU button** on the remote to show the on-screen menu.

2 **Press the CURSOR DOWN button** twice to highlight FEATURES.

3 **Press the CURSOR RIGHT button** and the menu will shift to the left. TIMER will be highlighted.

4 **Press the CURSOR RIGHT button** again to shift the menu left. Then **press the CURSOR DOWN button** repeatedly until the DISPLAY control is highlighted.

5 **Press the CURSOR RIGHT or CURSOR LEFT button** to turn the TIMER DISPLAY ON or OFF.

6 **Press the STATUS button** to remove the menu from the screen.

STOP

SMART HELP

Remember, be sure you have set the TV's clock with the correct current time. *(Refer to page 10 to set the correct time.)*

- PICTURE   TIMER
- SOUND   AutoLock
- FEATURES   CLOSED CAP
- INSTALL   FORMAT
            BLUE MUTE

FEATURES
- TIMER   TIME
- AutoLock   START TIME
- CLOSED CAP   STOP TIME
- FORMAT   CHANNEL
- BLUE MUTE   ACTIVATE

FEATURES
TIMER
- TIME   _ _:_ _ AM
- START TIME
- STOP TIME
- CHANNEL
- ACTIVATE

FEATURES
TIMER
- START TIME
- STOP TIME
- CHANNEL
- ACTIVATE
- DISPLAY   ON

OR

◄ DISPLAY   ►► OFF

SLEEP   POWER

TV

SOURCE   STATUS   CC   CLOCK

REPEAT   REPEAT   SCAN
        A-B

DVD

SOUND   PICTURE

MENU   OK

VOL   MUTE   CH

AUDIO   FTS   ANGLE

PREVIOUS   ZOOM   SUBTITLE   NEXT

REVERSE   STOP   PLAY   FORWARD

INCR.SURR.   PAUSE   SURF

OPEN/CLOSE

Closed Captioning (CC) allows you to read the voice content of television programs on the TV screen. Designed to help the hearing impaired, this feature uses on-screen "text boxes" to show dialogue and conversations while the TV program is in progress.

(BEGIN)

1 **Press the MENU button** on the remote control to show the on-screen menu.

2 **Press the CURSOR DOWN button** twice to highlight FEATURES.

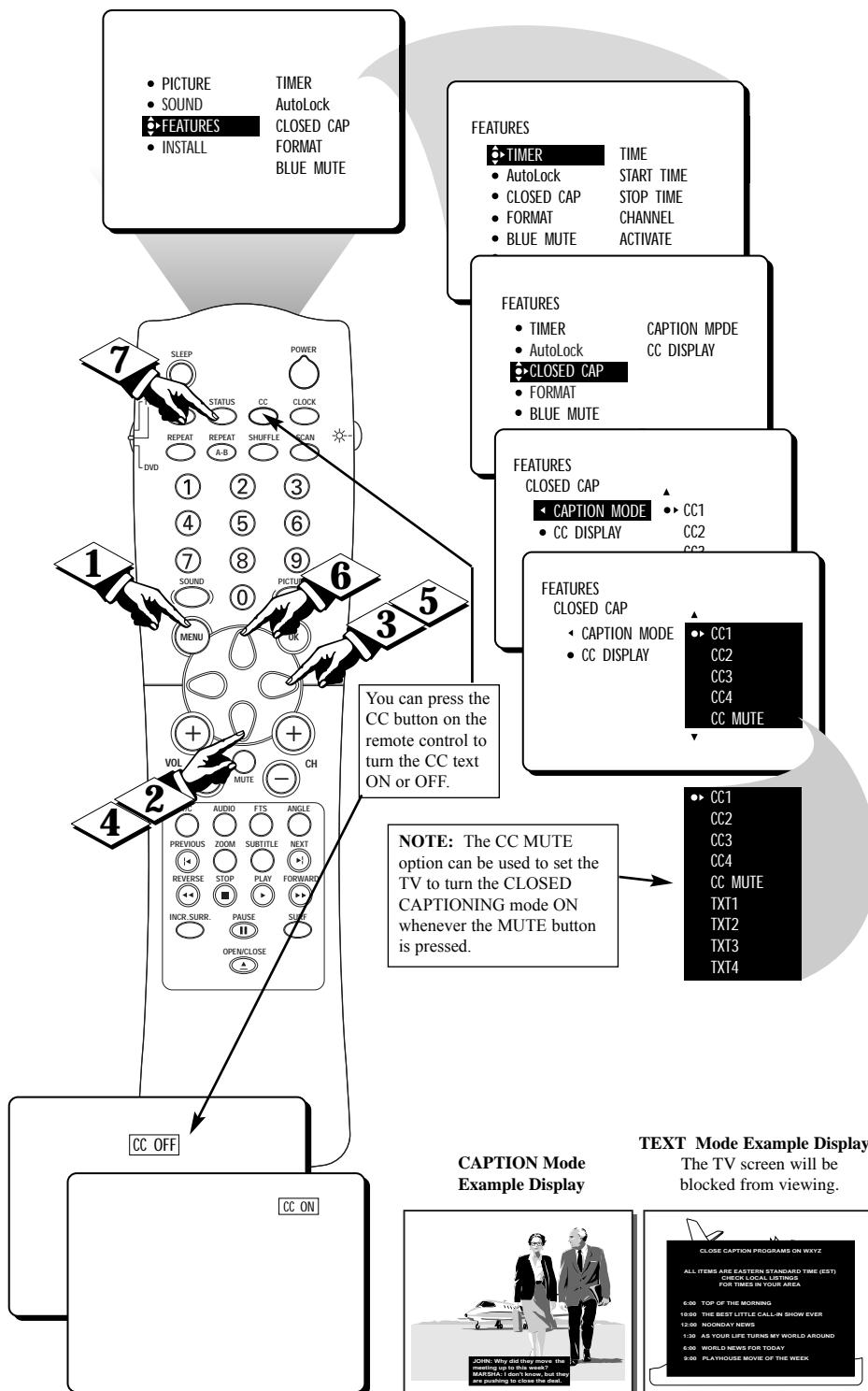3 **Press the CURSOR RIGHT button** and the menu will shift to the left.

4 **Press the CURSOR DOWN button** repeatedly until the CLOSED CAP control is highlighted.

5 **Press the CURSOR RIGHT button** again. The menu will shift to the left and CAPTION MODE will be highlighted. Then **press the CURSOR RIGHT button** to highlight CAPTION MODEs.

6 **Press the CURSOR UP or CURSOR DOWN button** to select a CAPTION MODE: CC1, CC2, CC3, CC4, CC MUTE, TXT1, TXT2, TXT3, or TXT4. CC DISPLAY turns text OFF or ON if the TV station broadcasting on the channel is making CLOSED CAPTIONING available. With CC DISPLAY highlighted, press the CURSOR RIGHT button to toggle Closed Captioning ON or OFF.

NOTE: You also can press the CC button on the remote control to turn the CC TEXT option ON or OFF.

7 **Press the STATUS button** to remove the menu from the screen.

(STOP)

NOTE: Not all TV programs and product commercials are broadcast with Closed Captioning (CC). Nor are all Closed Captioning MODEs (CAPTION 1–4 or TEXT 1–4) necessarily being used by broadcast stations during the transmission of a program offering Closed Captioning. Refer to your area's TV program listings for the stations and times of shows being broadcast with Closed Captioning.

- PICTURE   TIMER
- SOUND   AutoLock
- FEATURES   CLOSED CAP
- INSTALL   FORMAT
    BLUE MUTE

FEATURES
- TIMER   TIME
- AutoLock   START TIME
- CLOSED CAP   STOP TIME
- FORMAT   CHANNEL
- BLUE MUTE   ACTIVATE

FEATURES
- TIMER   CAPTION MPDE
- AutoLock   CC DISPLAY
- CLOSED CAP
- FORMAT
- BLUE MUTE

FEATURES
CLOSED CAP
- CAPTION MODE   CC1
- CC DISPLAY   CC2
    CC3

FEATURES
CLOSED CAP
- CAPTION MODE   CC1
- CC DISPLAY   CC2
    CC3
    CC4
    CC MUTE

CC1
CC2
CC3
CC4
CC MUTE
TXT1
TXT2
TXT3
TXT4

You can press the CC button on the remote control to turn the CC text ON or OFF.

NOTE: The CC MUTE option can be used to set the TV to turn the CLOSED CAPTIONING mode ON whenever the MUTE button is pressed.

CC OFF

CC ON

CAPTION Mode Example Display

TEXT Mode Example Display - The TV screen will be blocked from viewing.

*You can change the screen for-
mat size to match the type of
program you're watching. Select
the normal 4:3 aspect ratio or
expand the 4:3 aspect ratio to com-
pletely fill the screen. There also is
a compressed 16:9 aspect ratio,
which allows movies to be viewed
in their full width (known as letter-
box style).*

(BEGIN)

1 **Press the MENU button** on
the remote control to show the on-
screen menu.

2 **Press the CURSOR DOWN
button** twice to highlight FEA-
TURES.

3 **Press the CURSOR RIGHT
button** and the menu will shift to
the left.

4 **Press the CURSOR DOWN
button** repeatedly until the FOR-
MAT control is highlighted.

5 **Press the CURSOR RIGHT
button** repeatedly to toggle among
the three screen format sizes – 4:3,
EXPAND 4:3, or COMPRESS
16:9.

6 **Press the STATUS button** to
remove the menu from the screen.

(STOP)
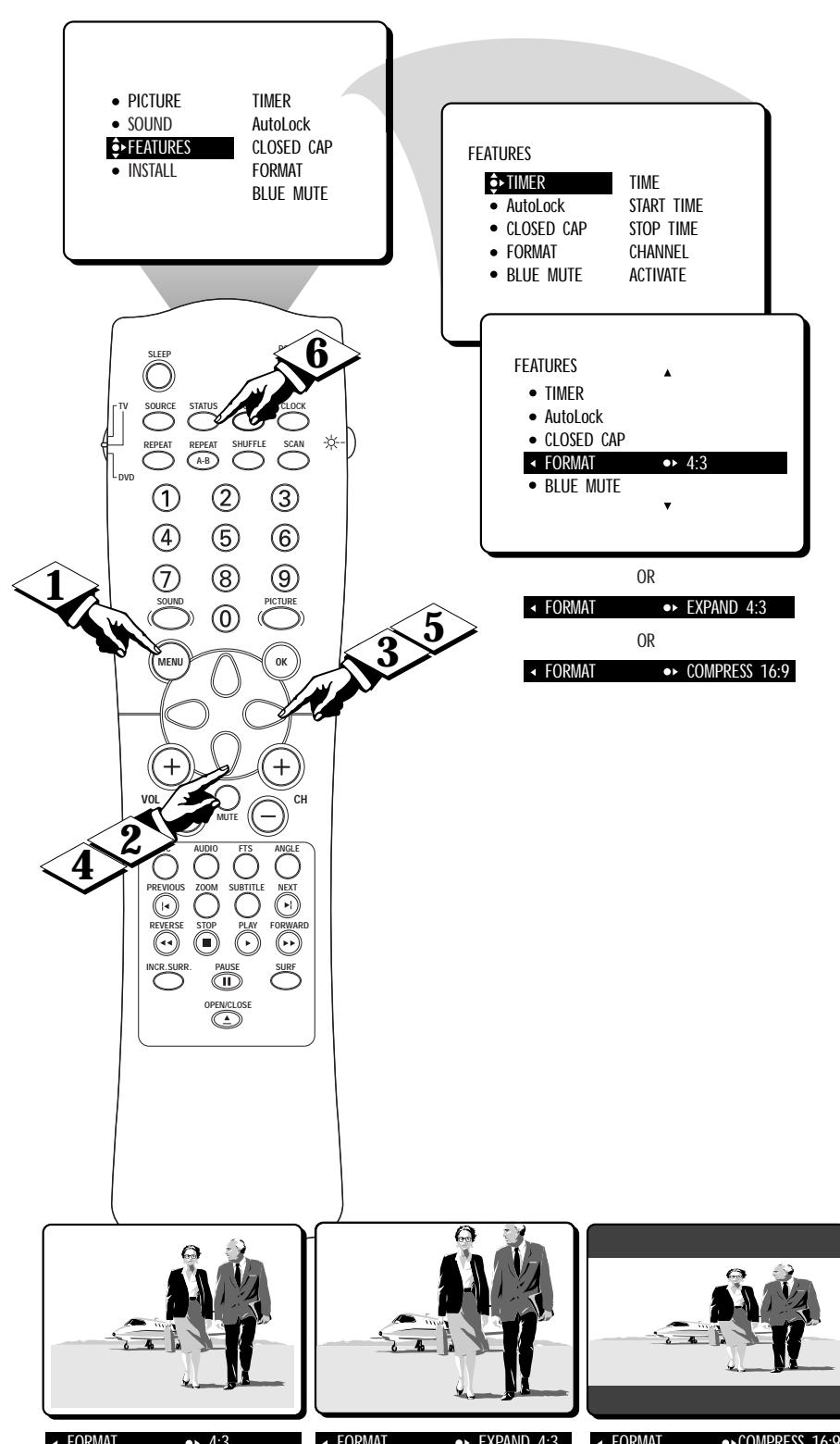
SMART HELP

Without the on-screen
menu display showing, you
also can press the CURSOR UP or
CURSOR DOWN button on the
remote control to toggle among the
screen sizes 4:3, Expand 4:3, or
Compress 16:9.

● PICTURE TIMER
● SOUND AutoLock
● FEATURES CLOSED CAP
● INSTALL FORMAT
 BLUE MUTE

FEATURES
 TIMER TIME
● AutoLock START TIME
● CLOSED CAP STOP TIME
● FORMAT CHANNEL
● BLUE MUTE ACTIVATE

FEATURES ▲
● TIMER
● AutoLock
● CLOSED CAP
◄ FORMAT ●► 4:3
● BLUE MUTE ▼

OR
◄ FORMAT ●► EXPAND 4:3
OR
◄ FORMAT ●► COMPRESS 16:9

◄ FORMAT ●► 4:3
◄ FORMAT ●► EXPAND 4:3
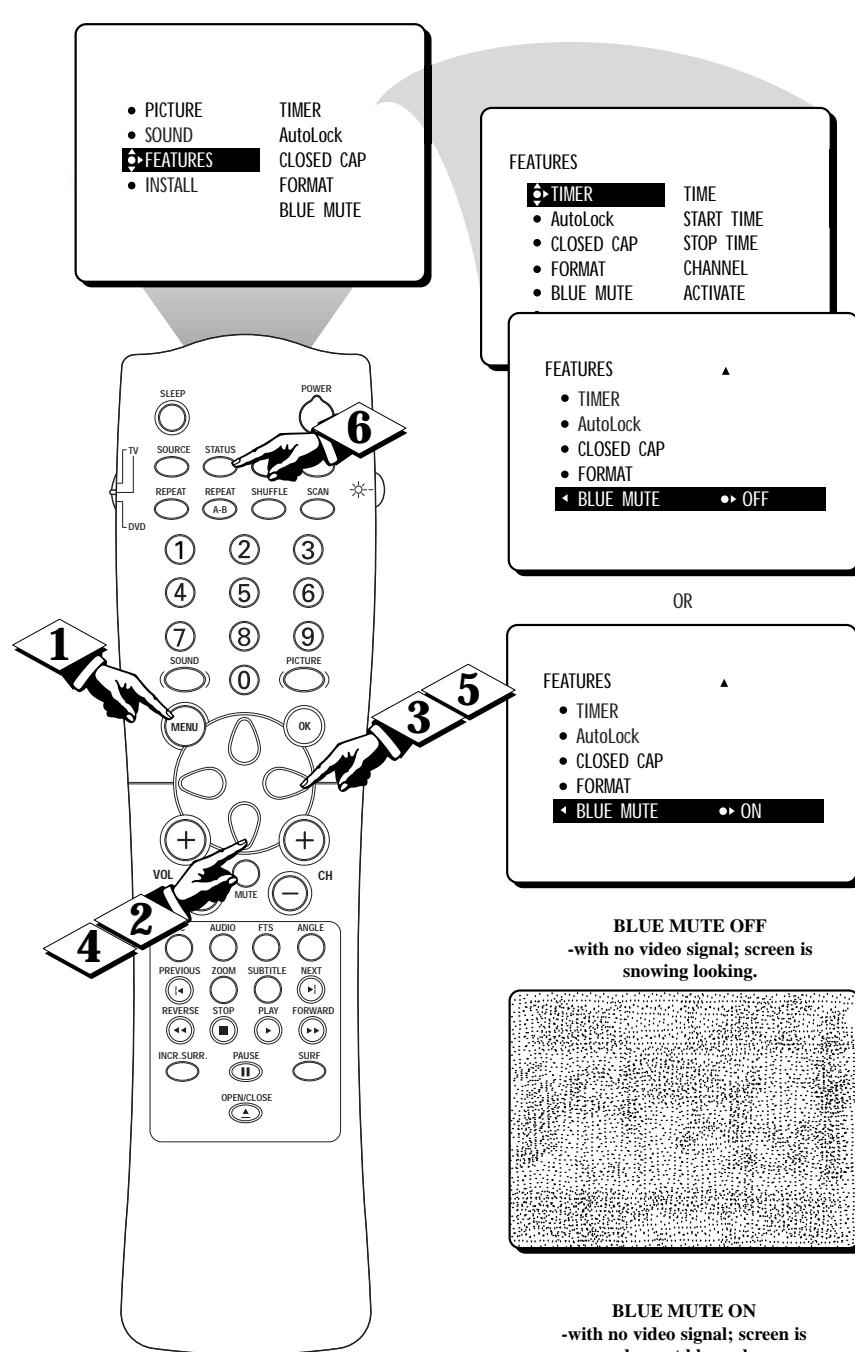◄ FORMAT ●►COMPRESS 16:9

17

ACTIVATING THE BLUE MUTE CONTROL

The Blue Mute feature will elimi-nate annoying snow from the screen when no video signal is pres-ent by displaying a pleasant blue screen. This occurs in cases such as when a VCR tape is removed or an antenna signal is broken. To turn the Blue Mute feature ON or OFF, fol-low the steps below.

BEGIN

1 **Press the MENU button** on the remote control to show the on-screen menu.

2 **Press the CURSOR DOWN button** twice to highlight FEA-TURES.

3 **Press the CURSOR RIGHT button** and the menu will shift to the left.

4 **Press the CURSOR DOWN button** repeatedly until the BLUE MUTE control is highlighted.

5 **Press the CURSOR RIGHT button** repeatedly to toggle the Blue Mute option ON or OFF.

6 **Press the STATUS button** to remove the menu from the screen.

STOP

- PICTURE   TIMER
- SOUND   AutoLock
- FEATURES   CLOSED CAP
- INSTALL   FORMAT
             BLUE MUTE

FEATURES
- TIMER   TIME
- AutoLock   START TIME
- CLOSED CAP STOP TIME
- FORMAT   CHANNEL
- BLUE MUTE   ACTIVATE

FEATURES   ▲
- TIMER
- AutoLock
- CLOSED CAP
- FORMAT
◄ BLUE MUTE   ●▸ OFF

OR

FEATURES   ▲
- TIMER
- AutoLock
- CLOSED CAP
- FORMAT
◄ BLUE MUTE   ●▸ ON

BLUE MUTE OFF
-with no video signal; screen is snowing looking.

BLUE MUTE ON
-with no video signal; screen is a pleasant blue color.

18

Have you ever fallen asleep in front of the TV, only to have it wake you up at two in the morning with a test pattern sound screeching in your ears? Well, your TV can enable you to avoid that discomfort by automatically turning itself off. With the Sleep Timer feature, you can set a timer to automatically switch the TV OFF after a period of time you choose (15-minute increments up to 60 minutes, then 30-minute increments up to 90 minutes, then 60-minute increments up to 240 minutes).

BEGIN

1 **Press the SLEEP button** on the remote control. The SLEEP timer on-screen display will appear in the upper part of the screen.

2 **Within five seconds, press the SLEEP button** repeatedly to pick the amount of time (15-minute increments up to 60 minutes, then 30-minute increments up to 90 minutes, then 60-minute increments up to 240 minutes) before the TV will turn itself off.

An on-screen countdown will appear during the last minute before the TV shuts itself off.

STOP

SMART HELP

To see how many minutes remain before the TV shuts itself off, press the STATUS button.

SLEEP OFF

SLEEP 15

SLEEP 30

SLEEP 45

SLEEP 60

SLEEP 90
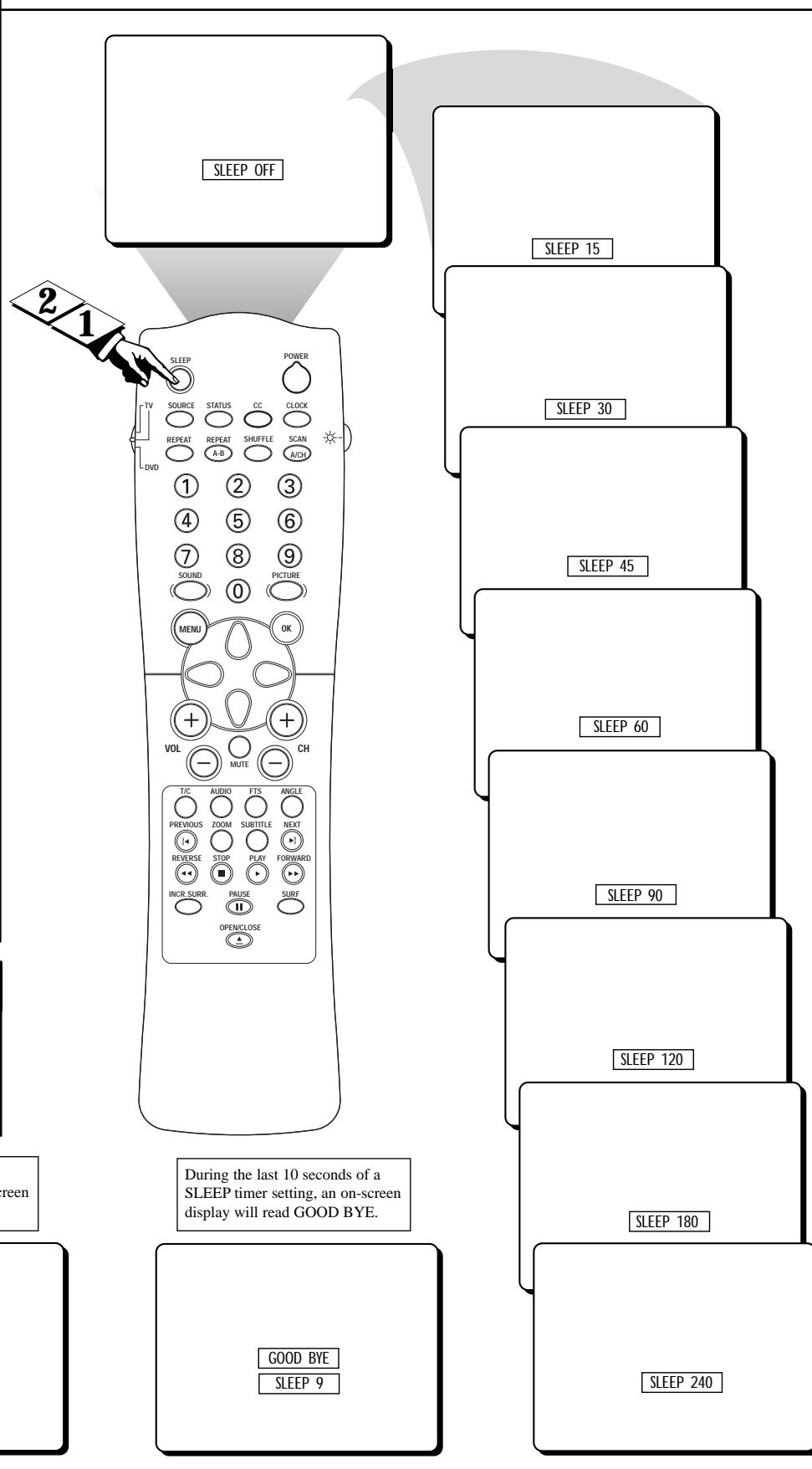
SLEEP 120

SLEEP 180

SLEEP 240

During the last minute of a SLEEP timer setting, an on-screen countdown will be displayed.

SLEEP 50

During the last 10 seconds of a SLEEP timer setting, an on-screen display will read GOOD BYE.

GOOD BYE
SLEEP 9

The AutoLock™ feature receives and processes data sent by broadcasters or other program providers that contain program content advisories. When programmed by the viewer, a TV with AutoLock™ can respond to the content advisories and block program content that may be found objectionable (such as offensive language, violence, sexual situations, etc.). This is a great feature to censor the type of programming children may watch.

In the AutoLock™ section, you'll learn how to block channels and programming that is not rated, is unrated, or has no rating. You will also find out how to turn these blocking features ON or OFF. Following are brief explanations of some terms and ratings related to the AutoLock™ feature.

AutoLock™ offers various Blocking Options from which to choose:

BLOCKING: The BLOCKING control is what can be thought of as the "master switch" for AutoLock™. This control affects the settings you have chosen for blocking programs according to movie ratings or TV ratings, or for blocking programs that have no rating or are unrated. When the BLOCKING control is OFF, the blocking or censoring of programs is disabled. When the BLOCKING control is ON, blocking will occur according to the settings you have chosen.

BLOCK UNRATED: ALL unrated programs will be blocked if this feature is set to ON.

UNRATED programming is encoded with information from the MPAA (Motion Picture Association of America) or TV broadcasters, but it does not have a specific rating. In other words, the MPAA or the TV broadcasters have chosen not to assign a rating to the programming.

NO RATING: ALL programming with no content advisory data can be blocked if NO RATING is set to ON.

Programming that has No Rating is not encoded with any rating information from the MPAA or the Parental Guidelines. Any programming could fall into this category.

You also can block individual channels or block programming based on ratings of the MPAA and TV broadcasters. (See a description of the ratings on this page.)

```
AutoLock
   MOVIE RATING        ▲
  ◄ G              •► ON
  • PG
  • PG-13
  • R
  • NC-17
  •                    ▼
```

```
AutoLock
   TV RATING           ▲
  ◄ TV-Y           •► ON
  • TV-Y7
  • TV-G
  • TV-PG
  • TV-14
  •                    ▼
```

MOVIE RATINGS
(MOTION PICTURE ASSOCIATION OF AMERICA)

G: General Audience - All ages admitted. Most parents would find this programming suitable for all ages. This type of programming contains little or no violence, no strong language, and little or no sexual dialogue or sexual situations.

PG: Parental Guidance Suggested - This programming contains material that parents may find unsuitable for younger children. It may contain one or more of the following: Moderate violence, some sexual situations, infrequent coarse language, or some suggestive dialogue.

PG-13: Parents Strongly Cautioned - This programming contains material that parents may find unsuitable for children under the age of 13. It contains one or more of the following: violence, sexual situations, coarse language, or suggestive dialogue.

R: Restricted -This programming is specifically designed for adults. Anyone under the age of 17 should view this programming only with an accompanying parent or adult guardian. It contains one or more of the following: intense violence; intense sexual situations; strong, coarse language; or intensely suggestive dialogue.

NC-17: No one under the age of 17 will be admitted. - This type of programming should be viewed by adults only. It contains graphic violence; explicit sex; or crude, indecent language.

X: Adults Only - This type of programming contains one or more of the following: very graphic violence, very graphic and explicit or indecent sexual acts, very coarse and intensely suggestive language.

TV PARENTAL GUIDELINES
(TV BROADCASTERS)

TV-Y: (**All children** -- *This program is designed to be appropriate for all children.*) Designed for a very young audience, including children ages 2-6. This type of programming is not expected to frighten younger children.

TV-Y7: (**Directed to Older Children** -- *This program is designed for children ages 7 and above.*) It may be more appropriate for children who have acquired the development skills needed to distinguish between make-believe and reality. This programming may include mild fantasy and comic violence (FV).

TV-G: (**General Audience** -- *Most parents would find this program suitable for all ages.*) This type of programming contains little or no violence, no strong language, and little or no sexual dialogue or sexual situations.

TV-PG: (**Parental Guidance Suggested** -- *This program contains material that parents may find unsuitable for younger children.*) This type of programming contains one or more of the following: Moderate violence (V), some sexual situations (S), infrequent coarse language (L), or some suggestive dialogue (D).

TV-14: (**Parents Strongly Cautioned** -- *This program contains some material that many parents would find unsuitable for children under 14 years of age.*) This type of programming contains one or more of the following: intense violence (V); intense sexual situations (S); strong, coarse language (L); or intensely suggestive dialogue (D).

TV-MA: (**Mature Audience Only** -- *This program is specifically designed to be viewed by adults and therefore may be unsuitable for children under 17.*) This type of programming contains one or more of the following: graphic violence (V); explicit sexual situations (S); or crude, indecent language (L).
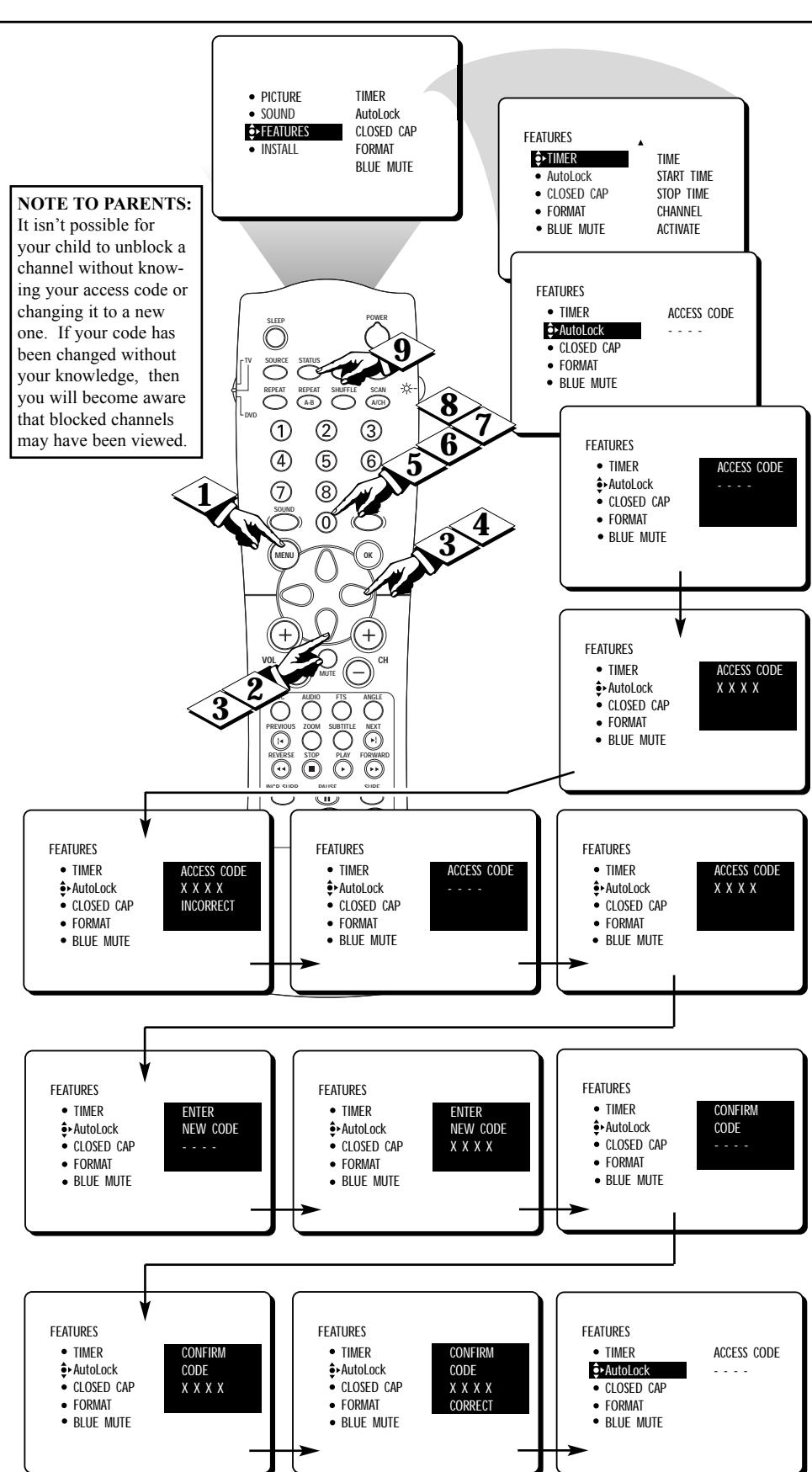
AutoLock™ allows parents to block out or "censor" any channels they think children should not watch. A channel blocked by the AutoLock™ control cannot be viewed until a correct access code is used to unlock the channel for viewing. First, let's set your AutoLock access code.

BEGIN

1 **Press the MENU button** on the remote control to show the on-screen menu.

2 **Press the CURSOR DOWN button** twice to highlight FEATURES.

3 **Press the CURSOR RIGHT button** and the menu will shift to the left. Then **press the CURSOR DOWN button** once to highlight the AutoLock control.

4 **Press the CURSOR RIGHT button** to highlight **ACCESS CODE.**

5 **Press 0,7,1,1** on the remote control. *INCORRECT* will appear on the screen.

6 **Press 0,7,1,1** on the remote control again. ENTER NEW CODE will appear on the screen.

7 **Enter a new four-digit code** using the number buttons. CONFIRM CODE will appear on the screen.

8 **Enter your new four-digit code** again. *CORRECT* will flash on the screen briefly and the highlight bar goes back to AutoLock.

9 **Press the STATUS button** to remove the menu from the screen.

STOP

Remember that 0711 is the default AutoLock™ code. If your access code has been changed by someone other than you (a child, for example) or you have forgotten the code, you can always get in by inputting the default code.

NOTE TO PARENTS: It isn't possible for your child to unblock a channel without knowing your access code or changing it to a new one. If your code has been changed without your knowledge, then you will become aware that blocked channels may have been viewed.

• PICTURE   TIMER
• SOUND   AutoLock
▸FEATURES   CLOSED CAP
• INSTALL   FORMAT
    BLUE MUTE

FEATURES
▸TIMER   TIME
• AutoLock   START TIME
• CLOSED CAP   STOP TIME
• FORMAT   CHANNEL
• BLUE MUTE   ACTIVATE

FEATURES
• TIMER   ACCESS CODE
▸AutoLock   - - - -
• CLOSED CAP
• FORMAT
• BLUE MUTE

FEATURES
• TIMER   ACCESS CODE
▸AutoLock   - - - -
• CLOSED CAP
• FORMAT
• BLUE MUTE

FEATURES
• TIMER   ACCESS CODE
▸AutoLock   X X X X
• CLOSED CAP
• FORMAT
• BLUE MUTE

FEATURES
• TIMER   ACCESS CODE
▸AutoLock   X X X X
• CLOSED CAP   INCORRECT
• FORMAT
• BLUE MUTE

FEATURES
• TIMER   ACCESS CODE
▸AutoLock   - - - -
• CLOSED CAP
• FORMAT
• BLUE MUTE

FEATURES
• TIMER   ACCESS CODE
▸AutoLock   X X X X
• CLOSED CAP
• FORMAT
• BLUE MUTE

FEATURES
• TIMER   ENTER
▸AutoLock   NEW CODE
• CLOSED CAP   - - - -
• FORMAT
• BLUE MUTE

FEATURES
• TIMER   ENTER
▸AutoLock   NEW CODE
• CLOSED CAP   X X X X
• FORMAT
• BLUE MUTE

FEATURES
• TIMER   CONFIRM
▸AutoLock   CODE
• CLOSED CAP   - - - -
• FORMAT
• BLUE MUTE

FEATURES
• TIMER   CONFIRM
▸AutoLock   CODE
• CLOSED CAP   X X X X
• FORMAT
• BLUE MUTE

FEATURES
• TIMER   CONFIRM
▸AutoLock   CODE
• CLOSED CAP   X X X X
• FORMAT   CORRECT
• BLUE MUTE

FEATURES
• TIMER   ACCESS CODE
▸AutoLock   - - - -
• CLOSED CAP
• FORMAT
• BLUE MUTE

After your personal access code has been set (see the previous page), you are ready to select the channels or inputs you want to block out or censor.

(BEGIN)

1 ▷ **Press the MENU button** on the remote control to show the on-screen menu.

2 ▷ **Press the CURSOR DOWN button** twice to highlight FEATURES.

3 ▷ **Press the CURSOR RIGHT button** and the menu will shift to the left. Then **press the CURSOR DOWN button** once to highlight the AutoLock™ control.

4 ▷ **Press the CURSOR RIGHT button** again to highlight ACCESS CODE.

5 ▷ **Enter your four-digit ACCESS CODE.** *CORRECT* will flash very briefly and the menu will move to the left with BLOCK CHANNEL highlighted.

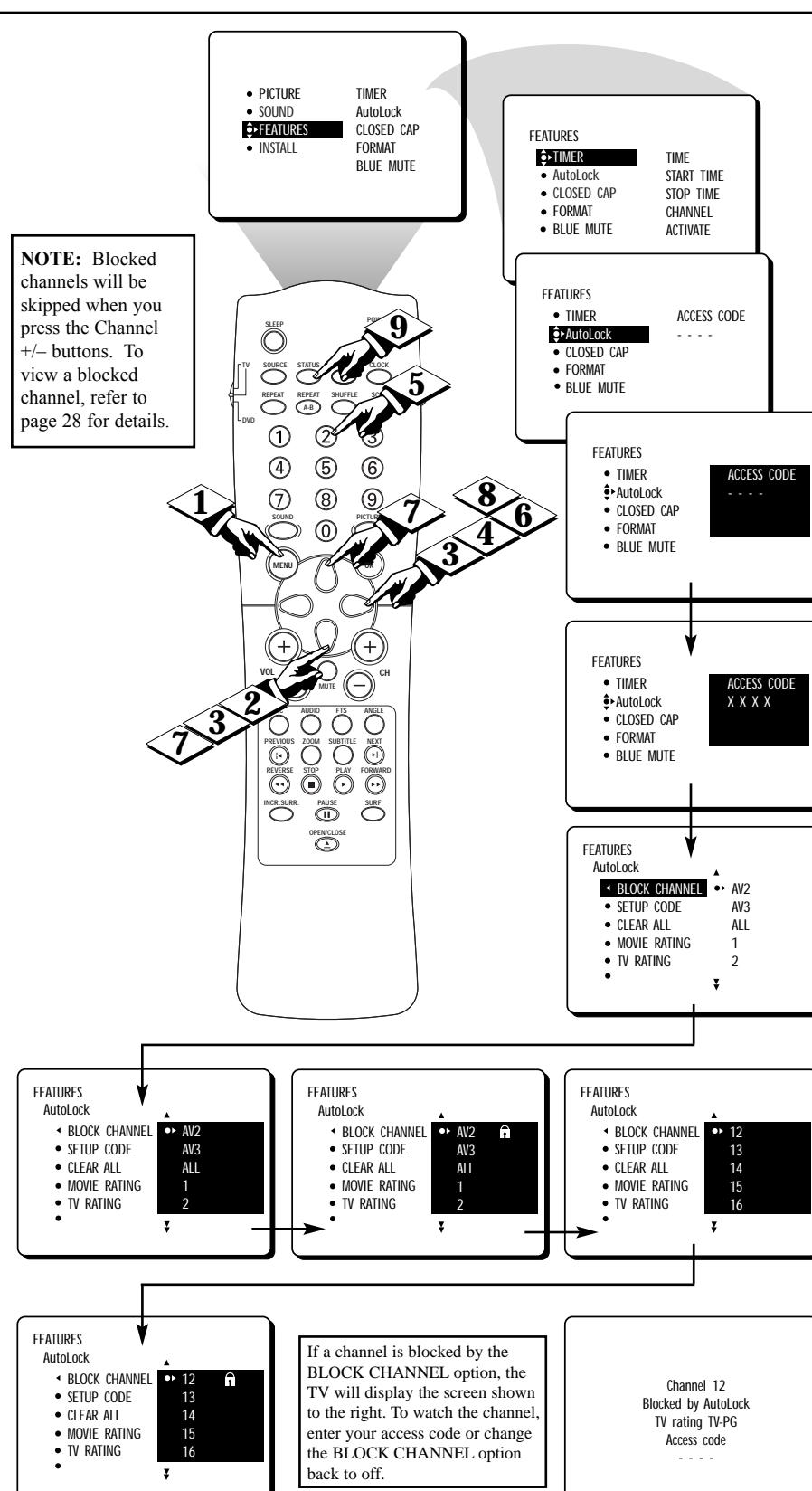**6** ▷ **Press the CURSOR RIGHT button** to highlight the TV's available channels.

7 ▷ **Press the CURSOR UP or CURSOR DOWN button** to highlight the channel you want to block.

8 ▷ **Press the CURSOR RIGHT button** to block the channel. A padlock image appears to the right of the channel number.

Repeat steps 7 and 8 for any channels you want to block from viewing.

9 ▷ **Press the STATUS button** to remove the menu from the screen.

STOP

NOTE: Blocked channels will be skipped when you press the Channel +/– buttons. To view a blocked channel, refer to page 28 for details.

- PICTURE | TIMER
- SOUND | AutoLock
- FEATURES | CLOSED CAP
- INSTALL | FORMAT
  | BLUE MUTE

FEATURES
- TIMER | TIME
- AutoLock | START TIME
- CLOSED CAP | STOP TIME
- FORMAT | CHANNEL
- BLUE MUTE | ACTIVATE

FEATURES
- TIMER | ACCESS CODE
- AutoLock | - - - -
- CLOSED CAP
- FORMAT
- BLUE MUTE

FEATURES
- TIMER | ACCESS CODE
- AutoLock | - - - -
- CLOSED CAP
- FORMAT
- BLUE MUTE

FEATURES
- TIMER | ACCESS CODE
- AutoLock | X X X X
- CLOSED CAP
- FORMAT
- BLUE MUTE

FEATURES
AutoLock
- BLOCK CHANNEL | AV2
- SETUP CODE | AV3
- CLEAR ALL | ALL
- MOVIE RATING | 1
- TV RATING | 2

FEATURES
AutoLock
- BLOCK CHANNEL | AV2
- SETUP CODE | AV3
- CLEAR ALL | ALL
- MOVIE RATING | 1
- TV RATING | 2

FEATURES
AutoLock
- BLOCK CHANNEL | AV2 🔒
- SETUP CODE | AV3
- CLEAR ALL | ALL
- MOVIE RATING | 1
- TV RATING | 2

FEATURES
AutoLock
- BLOCK CHANNEL | 12
- SETUP CODE | 13
- CLEAR ALL | 14
- MOVIE RATING | 15
- TV RATING | 16

FEATURES
AutoLock
- BLOCK CHANNEL | 12 🔒
- SETUP CODE | 13
- CLEAR ALL | 14
- MOVIE RATING | 15
- TV RATING | 16

If a channel is blocked by the BLOCK CHANNEL option, the TV will display the screen shown to the right. To watch the channel, enter your access code or change the BLOCK CHANNEL option back to off.

Channel 12
Blocked by AutoLock
TV rating TV-PG
Access code
- - - -

NOTE: You also can block out the use of the A/V external inputs on the rear of the TV. This stops the viewing of VCR, DVD, and other sources that can be shown through the A/V input jacks. Select AV1, AV2, or AV3 and then select BLOCK.
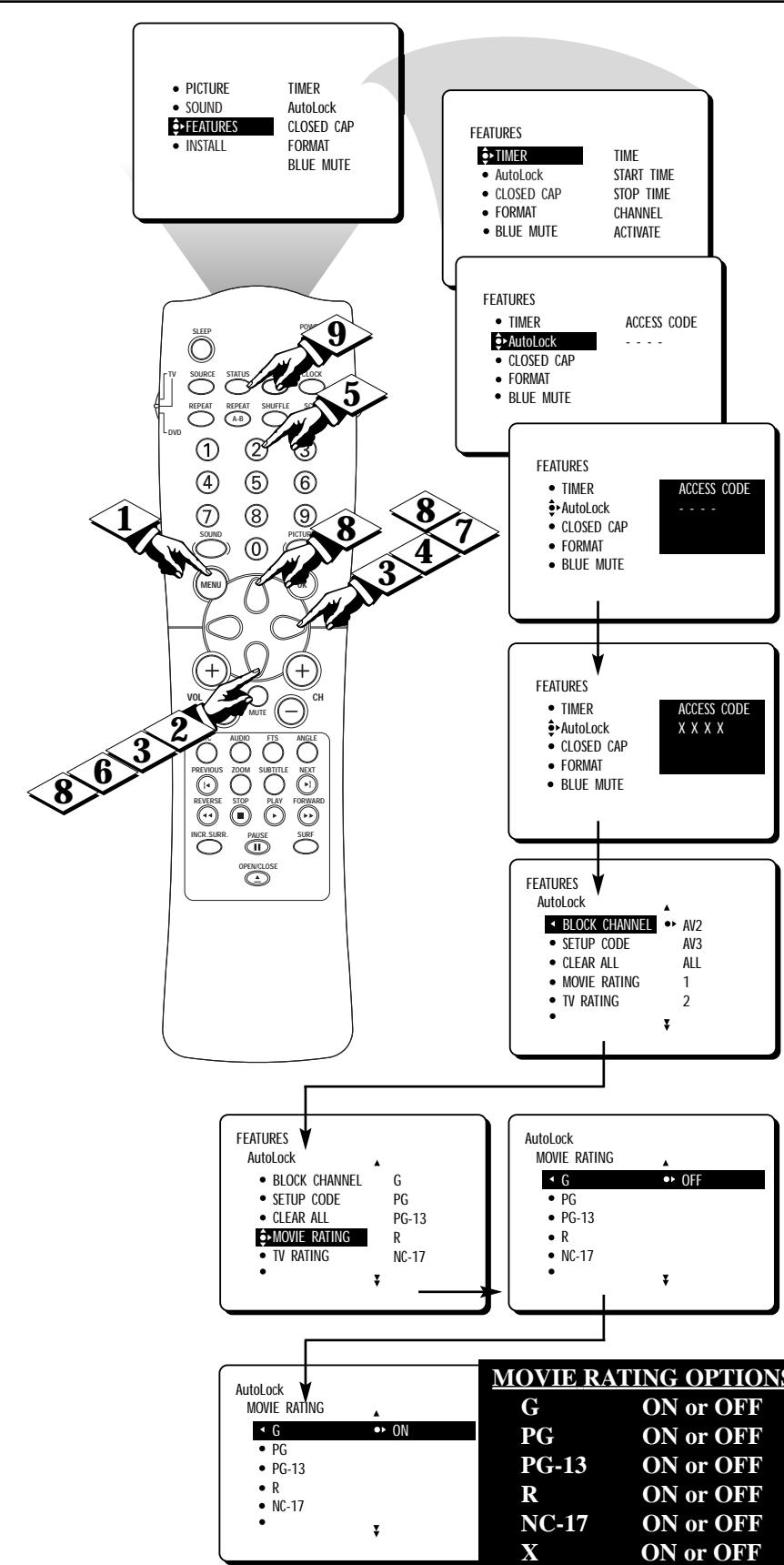
*A*fter your personal access code *has been set (see page 19), you can select specific movie ratings that you want to censor.*
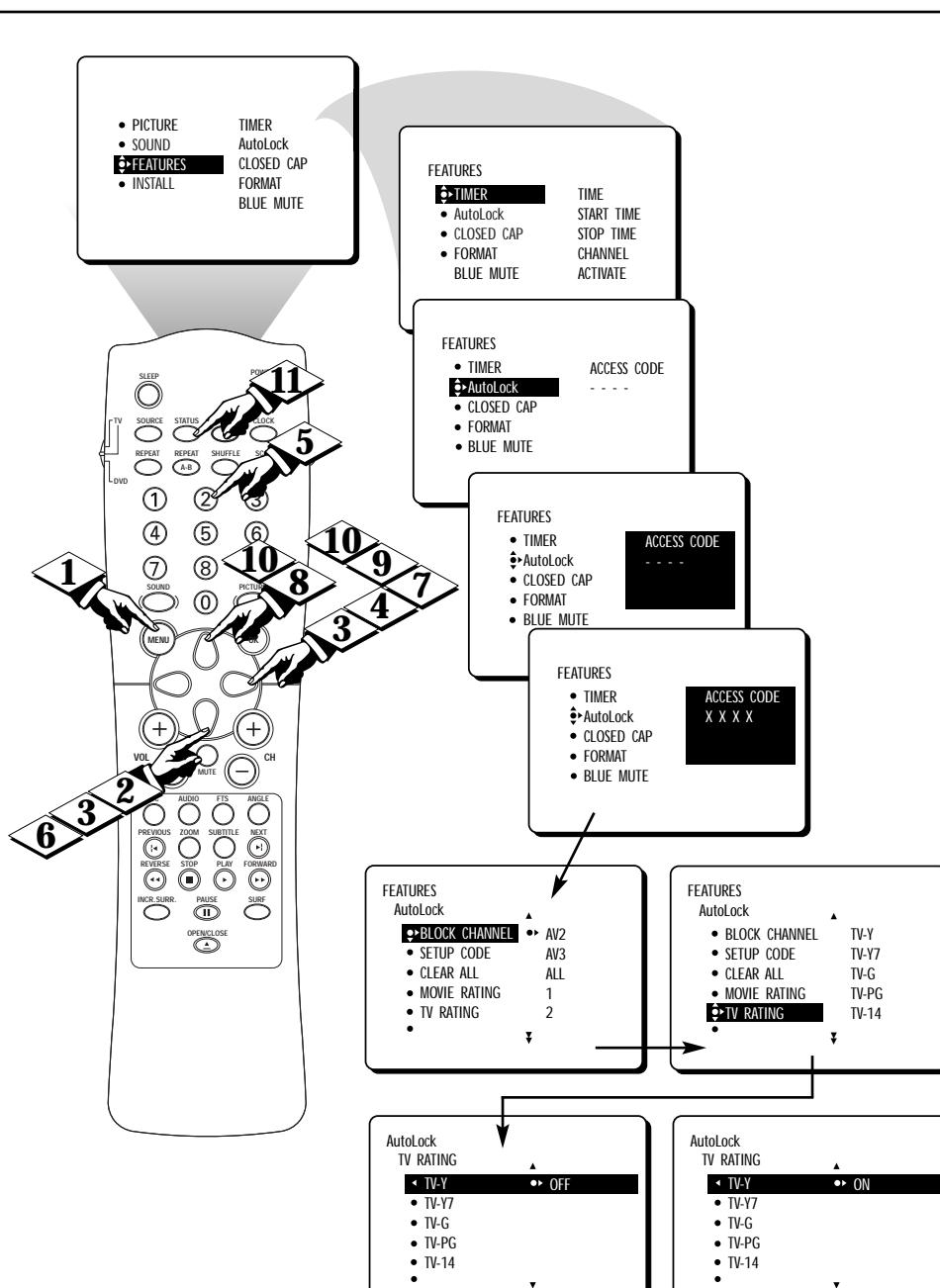
(BEGIN)

1 **Press the MENU button** on the remote control to show the on-screen menu.

2 **Press the CURSOR DOWN button** twice to highlight FEATURES.

3 **Press the CURSOR RIGHT button** and the menu will shift to the left. Then **press the CURSOR DOWN button** once to highlight the AutoLock control.

4 **Press the CURSOR RIGHT button again** to highlight ACCESS CODE.

5 **Enter your four-digit ACCESS CODE.** *CORRECT* will flash very briefly in red and the menu will move to the left with BLOCK CHANNEL highlighted.

6 **Press the CURSOR DOWN button** repeatedly until MOVIE RATING is highlighted.

7 **Press the CURSOR RIGHT button** and the Rating menu shifts to the left with *G* highlighted.

8 **Press the CURSOR UP or CURSOR DOWN button** to highlight each rating you want. Then **press the CURSOR RIGHT button** to turn the rating ON or OFF. Turning the rating ON will block programs with that rating from being seen.

9 **Press the STATUS button** to remove the menu from the screen.

NOTE: When a rating is turned ON, all higher ratings also will be turned on automatically. For example, if the *R* rating is turned on, the *NC-17* and *X* ratings also will be turned on.

(STOP)

PICTURE	TIMER
SOUND	AutoLock
FEATURES	CLOSED CAP
INSTALL	FORMAT
	BLUE MUTE

FEATURES
TIMER	TIME
AutoLock	START TIME
CLOSED CAP	STOP TIME
FORMAT	CHANNEL
BLUE MUTE	ACTIVATE

FEATURES
TIMER	ACCESS CODE
AutoLock	- - - -
CLOSED CAP	
FORMAT	
BLUE MUTE	

FEATURES
TIMER	ACCESS CODE
AutoLock	- - - -
CLOSED CAP	
FORMAT	
BLUE MUTE	

FEATURES
TIMER	ACCESS CODE
AutoLock	X X X X
CLOSED CAP	
FORMAT	
BLUE MUTE	

FEATURES
AutoLock
BLOCK CHANNEL	AV2
SETUP CODE	AV3
CLEAR ALL	ALL
MOVIE RATING	1
TV RATING	2

FEATURES
AutoLock
BLOCK CHANNEL	G
SETUP CODE	PG
CLEAR ALL	PG-13
MOVIE RATING	R
TV RATING	NC-17

AutoLock
MOVIE RATING
G	OFF
PG	
PG-13	
R	
NC-17	

AutoLock
MOVIE RATING
G	ON
PG	
PG-13	
R	
NC-17	

MOVIE RATING OPTIONS

G	ON or OFF
PG	ON or OFF
PG-13	ON or OFF
R	ON or OFF
NC-17	ON or OFF
X	ON or OFF

You also can select specific TV ratings that you want to censor by following these steps.

(BEGIN)

1 **Press the MENU button** on the remote control to show the on-screen menu.

2 **Press the CURSOR DOWN button** twice to highlight FEATURES.

3 **Press the CURSOR RIGHT button** and the menu will shift to the left. Then **press the CURSOR DOWN button** once to highlight the AutoLock control.

4 **Press the CURSOR RIGHT button** again to highlight ACCESS CODE.

5 **Enter your four-digit ACCESS CODE** and the menu will move to the left with BLOCK CHANNEL highlighted.

6 **Press the CURSOR DOWN button** repeatedly until TV RATING is highlighted.

7 **Press the CURSOR RIGHT button** and the menu will shift to highlight the TV RATING options.

8 **Press the CURSOR UP or DOWN button** to select a rating.

9 **Press the CURSOR RIGHT or LEFT button** to turn the block on the rating ON or OFF.

NOTE: More specific subratings (for violence, sexual content, dialogue, or fantasy violence) are available for TV-Y7, TV-PG, TV-14, and TV-MA.

10 To access these subratings, **press the CURSOR RIGHT button. Press the CURSOR UP or DOWN button** to select the subrating that you want to block or unblock. Then **press the CURSOR RIGHT or CURSOR LEFT button** to turn the block on the subrating ON or OFF.

11 **Press the STATUS button** to remove the menu.

(STOP)

On-screen menu displays:

```
• PICTURE      TIMER
• SOUND        AutoLock
✛ FEATURES     CLOSED CAP
• INSTALL      FORMAT
               BLUE MUTE
```

```
FEATURES
✛ TIMER           TIME
• AutoLock        START TIME
• CLOSED CAP      STOP TIME
• FORMAT          CHANNEL
  BLUE MUTE       ACTIVATE
```

```
FEATURES
• TIMER           ACCESS CODE
✛ AutoLock        - - - -
• CLOSED CAP
• FORMAT
• BLUE MUTE
```

```
FEATURES
• TIMER           ACCESS CODE
✛ AutoLock        - - - -
• CLOSED CAP
• FORMAT
• BLUE MUTE
```

```
FEATURES
• TIMER           ACCESS CODE
✛ AutoLock        X X X X
• CLOSED CAP
• FORMAT
• BLUE MUTE
```

```
FEATURES
AutoLock
✛ BLOCK CHANNEL   ◄► AV2
• SETUP CODE          AV3
• CLEAR ALL           ALL
• MOVIE RATING        1
• TV RATING           2
•                 ⬍
```

```
FEATURES
AutoLock
• BLOCK CHANNEL   TV-Y
• SETUP CODE      TV-Y7
• CLEAR ALL       TV-G
• MOVIE RATING    TV-PG
✛ TV RATING       TV-14
•                 ⬍
```

```
AutoLock
TV RATING
◄ TV-Y      ◄► OFF
• TV-Y7
• TV-G
• TV-PG
• TV-14
•           ⬍
```

```
AutoLock
TV RATING
◄ TV-Y      ◄► ON
• TV-Y7
• TV-G
• TV-PG
• TV-14
•           ⬍
```

TV-Y: (All children -- *This program is designed to be appropriate for all children.*) Designed for a very young audience, including children ages 2–6. This type of programming is not expected to frighten younger children.

TV-Y7: (Directed to Older Children -- *This program is designed for children age 7 and above.*) It may be more appropriate for children who have acquired the development skills needed to distinguish between make-believe and reality. This programming may include mild fantasy and comic violence (FV).

TV-G: (General Audience -- *Most parents would find this program suitable for all ages.*) This type of programming contains little or no violence, no strong language, and little or no sexual dialogue or situations.

TV-PG: (Parental Guidance Suggested -- *This program contains material that parents may find unsuitable for younger children.*) This type of programming contains one or more of the following: some suggestive dialogue (D), infrequent coarse language (L), some sexual situations (S), or moderate violence (V).

TV-14: (Parents Strongly Cautioned -- *This program contains some material that many parents would find unsuitable for children under 14 years of age.*) This type of programming contains one or more of the following: intensely suggestive dialogue (D); strong, coarse language (L); intense sexual situations (S); or intense violence (V).

TV-MA: (Mature Audience Only -- *This program is specifically designed to be viewed by adults and therefore may be unsuitable for children under 17.*) This type of programming contains one or more of the following: crude, indecent language (L); explicit sexual situations (S); or graphic violence (V).
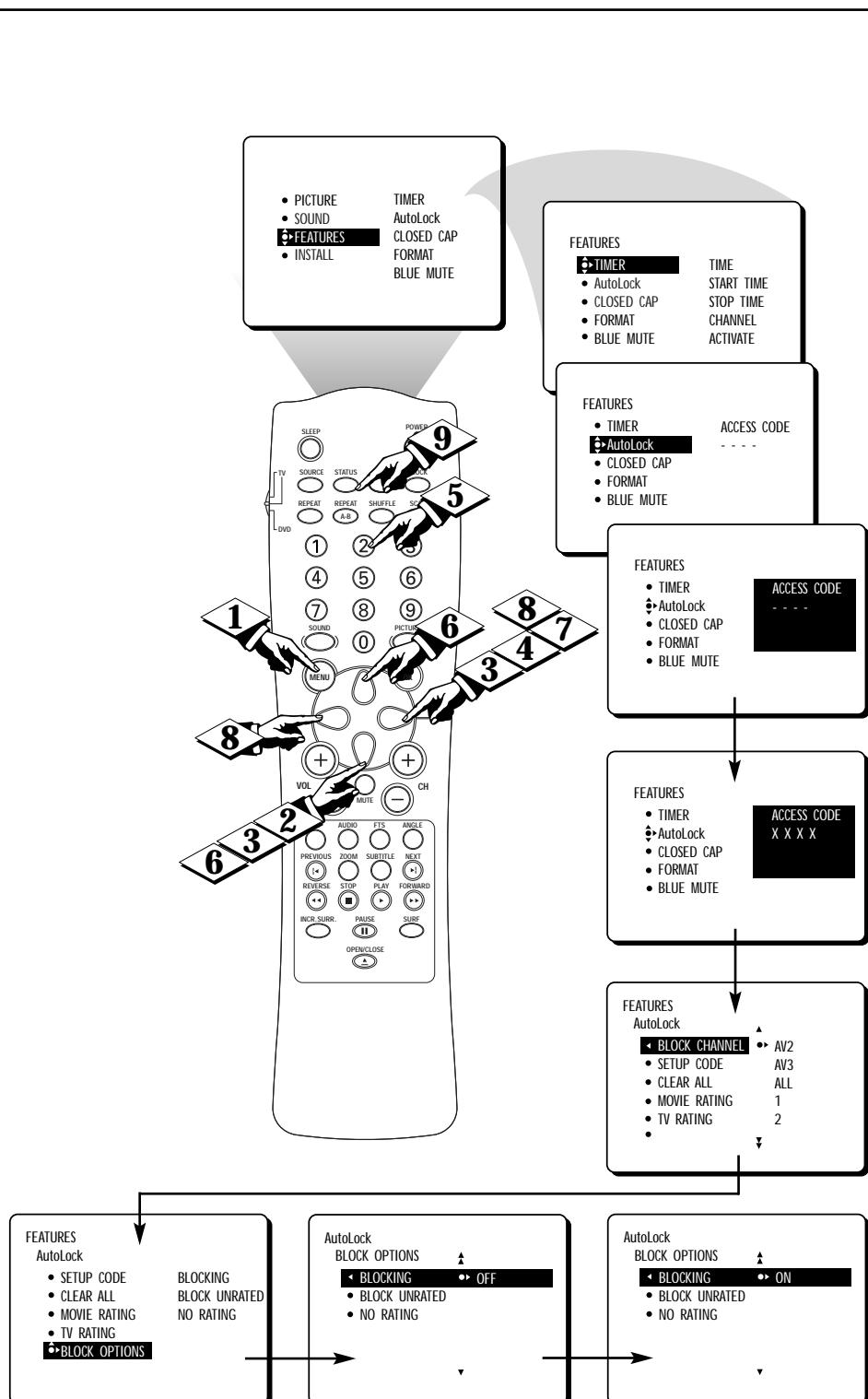
The BLOCKING control is what can be thought of as the "master switch" for AutoLock™. This control affects the settings you have chosen for blocking programs according to movie ratings or TV ratings, or for blocking programs that have no rating or are unrated. When the BLOCKING control is OFF, the blocking or censoring of programs is disabled. When the BLOCKING control is ON, blocking will occur according to the settings you have chosen. Follow these steps to toggle BLOCKING OFF or ON.

BEGIN

1 **Press the MENU button** on the remote control to show the on-screen menu.

2 **Press the CURSOR DOWN button** twice to highlight FEA-TURES.

3 **Press the CURSOR RIGHT button** and the menu will shift to the left. Then **press the CURSOR DOWN button** once to highlight the AutoLock control.

4 **Press the CURSOR RIGHT button** again to highlight ACCESS CODE.

5 **Enter your four-digit ACCESS CODE** and the menu will move to the left with BLOCK CHANNEL highlighted.

6 **Press the CURSOR DOWN button** repeatedly until BLOCK OPTIONS is highlighted.

7 **Press the CURSOR RIGHT button** to enter the BLOCK OPTIONS menu. BLOCKING will be highlighted.

8 **Press the CURSOR RIGHT or LEFT button** to toggle BLOCK-ING ON or OFF.

9 **Press the STATUS button** to remove the menu.

STOP

- PICTURE   TIMER
- SOUND   AutoLock
- FEATURES   CLOSED CAP
- INSTALL   FORMAT
             BLUE MUTE

FEATURES
- TIMER   TIME
- AutoLock   START TIME
- CLOSED CAP   STOP TIME
- FORMAT   CHANNEL
- BLUE MUTE   ACTIVATE

FEATURES
- TIMER   ACCESS CODE
- AutoLock   - - - -
- CLOSED CAP
- FORMAT
- BLUE MUTE

FEATURES
- TIMER   ACCESS CODE
- AutoLock   - - - -
- CLOSED CAP
- FORMAT
- BLUE MUTE

FEATURES
- TIMER   ACCESS CODE
- AutoLock   X X X X
- CLOSED CAP
- FORMAT
- BLUE MUTE

FEATURES
AutoLock
- BLOCK CHANNEL   AV2
- SETUP CODE   AV3
- CLEAR ALL   ALL
- MOVIE RATING   1
- TV RATING   2

FEATURES
AutoLock
- SETUP CODE   BLOCKING
- CLEAR ALL   BLOCK UNRATED
- MOVIE RATING   NO RATING
- TV RATING
- BLOCK OPTIONS

AutoLock
BLOCK OPTIONS
- BLOCKING   OFF
- BLOCK UNRATED
- NO RATING

AutoLock
BLOCK OPTIONS
- BLOCKING   ON
- BLOCK UNRATED
- NO RATING

In addition to blocking specific ratings or channels, you may choose to block all programming that is unrated.

(BEGIN)

1 **Press the MENU button** on the remote control to show the on-screen menu.

2 **Press the CURSOR DOWN button** twice to highlight FEATURES.

3 **Press the CURSOR RIGHT button** and the menu will shift to the left. Then **press the CURSOR DOWN button** once to highlight the AutoLock control.

4 **Press the CURSOR RIGHT button** again to highlight ACCESS CODE.

5 **Enter your four-digit ACCESS CODE** and the menu will move to the left with BLOCK CHANNEL highlighted.

6 **Press the CURSOR DOWN button** repeatedly until BLOCK OPTIONS is highlighted.

7 **Press the CURSOR RIGHT button** to enter the BLOCK OPTIONS menu. BLOCKING will be highlighted.

8 **Press the CURSOR DOWN button** once to select BLOCK UNRATED.

9 **Press the CURSOR RIGHT or CURSOR LEFT button** to toggle BLOCK UNRATED ON or OFF.

10 **Press the STATUS button** to remove the menu.

(STOP)

• PICTURE	TIMER
• SOUND	AutoLock
✥FEATURES	CLOSED CAP
• INSTALL	FORMAT
	BLUE MUTE

FEATURES
✥TIMER	TIME
• AutoLock	START TIME
• CLOSED CAP	STOP TIME
• FORMAT	CHANNEL
• BLUE MUTE	ACTIVATE

FEATURES
• TIMER	ACCESS CODE
✥AutoLock	- - - -
• CLOSED CAP	
• FORMAT	
• BLUE MUTE	

FEATURES
• TIMER	ACCESS CODE
✥AutoLock	- - - -
• CLOSED CAP	
• FORMAT	
• BLUE MUTE	

FEATURES
• TIMER	ACCESS CODE
✥AutoLock	X X X X
• CLOSED CAP	
• FORMAT	
• BLUE MUTE	

FEATURES
AutoLock
◄ BLOCK CHANNEL	•► AV2
• SETUP CODE	AV3
• CLEAR ALL	ALL
• MOVIE RATING	1
• TV RATING	2
•	

FEATURES
AutoLock
• SETUP CODE	BLOCKING
• CLEAR ALL	BLOCK UNRATED
• MOVIE RATING	NO RATING
• TV RATING	
✥BLOCK OPTIONS	

AutoLock
BLOCK OPTIONS
• BLOCKING
◄ BLOCK UNRATED •► OFF
• NO RATING

AutoLock
BLOCK OPTIONS
• BLOCKING
◄ BLOCK UNRATED •► ON
• NO RATING

Channel 12
Blocked by AutoLock
Unrated
Access Code
- - - -

NOTE: If the BLOCK OPTION, BLOCK UNRATED control is turned ON, all unrated programs will display the screen shown to the left. To watch the channel, enter your access code or change the BLOCK UNRATED option back to OFF.

Some programming is not encoded with content advisory data by the MPAA (Motion Picture Association of America) or the television broadcasters (see the explanation on page 18). To block such programming, follow these steps.

(BEGIN)

1 **Press the MENU button** on the remote to show the on-screen menu.

2 **Press the CURSOR DOWN** button twice to highlight FEATURES.

3 **Press the CURSOR RIGHT button** and the menu will shift to the left. Then **press the CURSOR DOWN button** once to highlight the AutoLock control.

4 **Press the CURSOR RIGHT button** again to highlight ACCESS CODE.

5 **Enter your four-digit ACCESS CODE** and the menu will move to the left with BLOCK CHANNEL highlighted.

6 **Press the CURSOR DOWN button** repeatedly until BLOCK OPTIONS is highlighted.

7 **Press the CURSOR RIGHT button** to enter the BLOCK OPTIONS menu. BLOCKING will be highlighted.

8 **Press the CURSOR DOWN button** twice to highlight NO RATING.

9 **Press the CURSOR RIGHT or CURSOR LEFT button** to toggle NO RATING ON or OFF.

10 **Press the STATUS button** to remove the menu.

STOP

- PICTURE   TIMER
- SOUND   AutoLock
- **FEATURES**   CLOSED CAP
- INSTALL   FORMAT
                 BLUE MUTE

FEATURES
- **TIMER**   TIME
- AutoLock   START TIME
- CLOSED CAP   STOP TIME
- FORMAT   CHANNEL
- BLUE MUTE   ACTIVATE

FEATURES
- TIMER   ACCESS CODE
- **AutoLock**   - - - -
- CLOSED CAP
- FORMAT
- BLUE MUTE

FEATURES
- TIMER   ACCESS CODE
- **AutoLock**   - - - -
- CLOSED CAP
- FORMAT
- BLUE MUTE

FEATURES
- TIMER   ACCESS CODE
- AutoLock   X X X X
- CLOSED CAP
- FORMAT
- BLUE MUTE

FEATURES
AutoLock
- **BLOCK CHANNEL**   AV2
- SETUP CODE   AV3
- CLEAR ALL   ALL
- MOVIE RATING   1
- TV RATING   2

FEATURES
AutoLock
- SETUP CODE   BLOCKING
- CLEAR ALL   BLOCK UNRATED
- MOVIE RATING   NO RATING
- TV RATING
- **BLOCK OPTIONS**

AutoLock
BLOCK OPTIONS
- BLOCKING
- BLOCK UNRATED
- NO RATING   OFF

AutoLock
BLOCK OPTIONS
- BLOCKING
- BLOCK UNRATED
- NO RATING   ON

Channel 12
Blocked by AutoLock
No rating
Access Code
- - - -

NOTE: If the BLOCKING OPTION, NO RATING control is turned ON, all programs containing NO content advisory data will display the screen shown to the left. To watch the channel, enter your access code or change the NO RATING option back to OFF.

To remind you which ratings you have blocked and which Block Options you have selected, a review screen is available to review your AutoLock™ settings. To access this screen follow the steps below.

(BEGIN)

1 ▷ **Press the STATUS button** on your remote control twice. Your AutoLock™ settings will appear on the screen.

NOTE: If you have blocked specific subratings, such as *V* for Violence in the TV-PG category, these blocked subratings will not appear in the review. The subratings however, are still blocked according to your selections.

2 ▷ After a few seconds, the settings will leave the screen automatically, or you can **press the STATUS button** a third time to remove them from the screen.

(STOP)
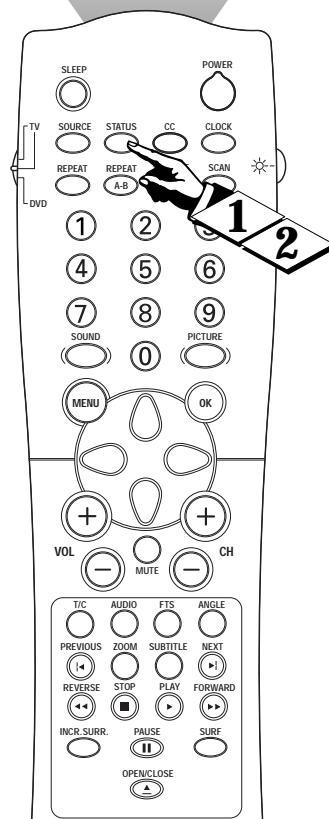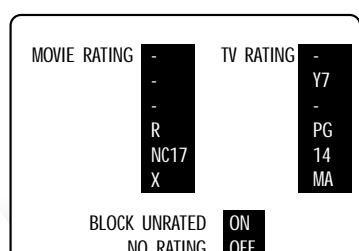
SMART HELP

Remember, the review screen will appear only if BLOCKING is set to ON. For details, see page 25.

MOVIE RATING	TV RATING
-	-
-	Y7
-	-
R	PG
NC17	14
X	MA

BLOCK UNRATED   ON
NO RATING   OFF

MOVIE RATING	TV RATING
-	-
-	Y7
-	-
R	PG
NC17	14
X	MA

BLOCK UNRATED   ON
NO RATING   OFF
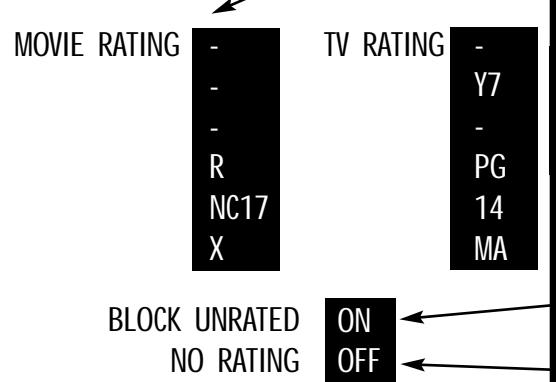
MOVIE RATINGS – Shows all blocked movie ratings that were set within the MOVIE RATING feature. Some or all may be blocked at one time. **NOTE:** If a lower rating is blocked, higher ratings also will be blocked automatically (for example, if *R* is set to be blocked, *X* also will automatically be blocked).

TV RATINGS – Shows all blocked TV ratings that were set within the feature. Some or all may be blocked at one time. **NOTE:** If a lower rating is blocked, higher ratings also will be blocked automatically (for example, if *TV-14* is set to be blocked, *TV-MA* also will automatically be blocked). TV ratings also have subratings for Violence (V), Fantasy Violence (FV), Sexual Situations (S), Coarse Language (L), and Suggestive Language (D). If the main rating is turned OFF but the subrating is turned ON, the program will be blocked; however, the rating will not appear within the AutoLock review menu.

BLOCK UNRATED – Shows ON or OFF, depending on the status of the BLOCK UNRATED feature.

BLOCK NO RATING – Shows ON or OFF, depending on the status of the BLOCK NO RATING feature.

Various on-screen messages will appear when someone tries to view blocked programming. The message is determined by how the current programming is blocked. You may view the blocked programming and turn OFF the AutoLock™ feature by clearing all blocking options or by entering your access code.

BEGIN

1 **Press the MENU button** on the remote to show the on-screen menu.

2 **Press the CURSOR DOWN** button twice to highlight FEATURES.

3 **Press the CURSOR RIGHT button** and the menu will shift to the left. Then **press the CURSOR DOWN button** once to highlight the AutoLock control.

4 **Press the CURSOR RIGHT button** again to highlight ACCESS CODE.

5 **Enter your four-digit ACCESS CODE** and the menu will move to the left with BLOCK CHANNEL highlighted.

6 **Press the CURSOR DOWN button** twice to highlight CLEAR ALL.

7 **Press the CURSOR RIGHT button** twice. The CLEAR ALL option will display the word *CLEARED*. All blocked channels and programming are now viewable.

8 **Press the STATUS button** to remove the menu.

If you tune to a specific channel that has been blocked by BLOCK CHANNEL or any of the AutoLock™ RATING options, simply enter your four-digit access code to view the channel. **NOTE:** this will unblock ALL channels until the TV is shut OFF. When powered back ON, all previously blocked channels will be blocked again.

• PICTURE	TIMER
• SOUND	AutoLock
◆▶FEATURES	CLOSED CAP
• INSTALL	FORMAT
	BLUE MUTE

FEATURES
◆▶TIMER	TIME
• AutoLock	START TIME
• CLOSED CAP	STOP TIME
• FORMAT	CHANNEL
• BLUE MUTE	ACTIVATE

FEATURES
• TIMER	ACCESS CODE
◆▶AutoLock	
• CLOSED CAP	- - - -
• FORMAT	
• BLUE MUTE	

FEATURES
• TIMER	ACCESS CODE
◆▶AutoLock	- - - -
• CLOSED CAP	
• FORMAT	
• BLUE MUTE	

FEATURES
• TIMER	ACCESS CODE
◆▶AutoLock	X X X X
• CLOSED CAP	
• FORMAT	
• BLUE MUTE	

FEATURES
AutoLock
◄ BLOCK CHANNEL ◆▶	AV2
• SETUP CODE	AV3
• CLEAR ALL	ALL
• MOVIE RATING	1
• TV RATING	2
•	↧

FEATURES
AutoLock
- • BLOCK CHANNEL
- • SETUP CODE
- ◄ CLEAR ALL ◆▶
- • MOVIE RATING
- • TV RATING
↧

FEATURES
AutoLock
- • BLOCK CHANNEL
- • SETUP CODE
- ◄ CLEAR ALL ◆▶ CLEARED
- • MOVIE RATING
- • TV RATING
↧

*B*esides the normal volume level control, your TV also has individual sound-adjustment controls. The TREBLE (high frequency), BASS (low frequency), and Speaker BALANCE may all be used to adjust the sound playback of TV programs.

BEGIN

1 **Press the MENU button** on the remote control to show the on-screen menu.

2 **Press the CURSOR DOWN button** once to highlight SOUND.

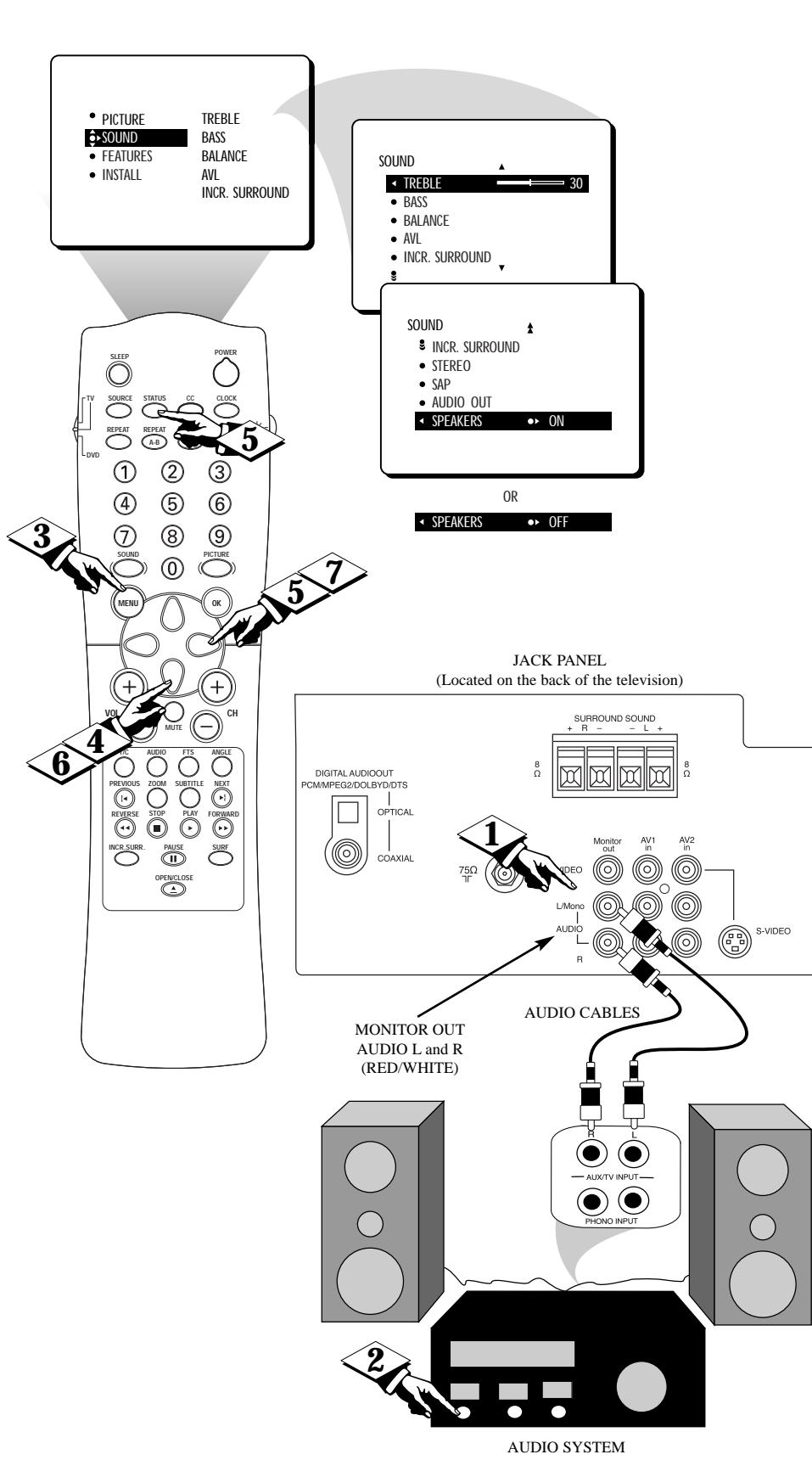3 **Press the CURSOR RIGHT button** and the menu will shift to the left. TREBLE will be highlighted and an adjustment bar will be shown to the right.

4 **Use the CURSOR RIGHT or CURSOR LEFT button** to adjust the TREBLE (high frequency) level of the television's sound.

5 After adjusting the TREBLE control, **press the CURSOR DOWN button** to select another sound adjustment: BASS or BALANCE. **Press the CURSOR RIGHT or CURSOR LEFT button** to adjust the selected control.

6 **Press the STATUS button** to remove the menu from the screen.

STOP
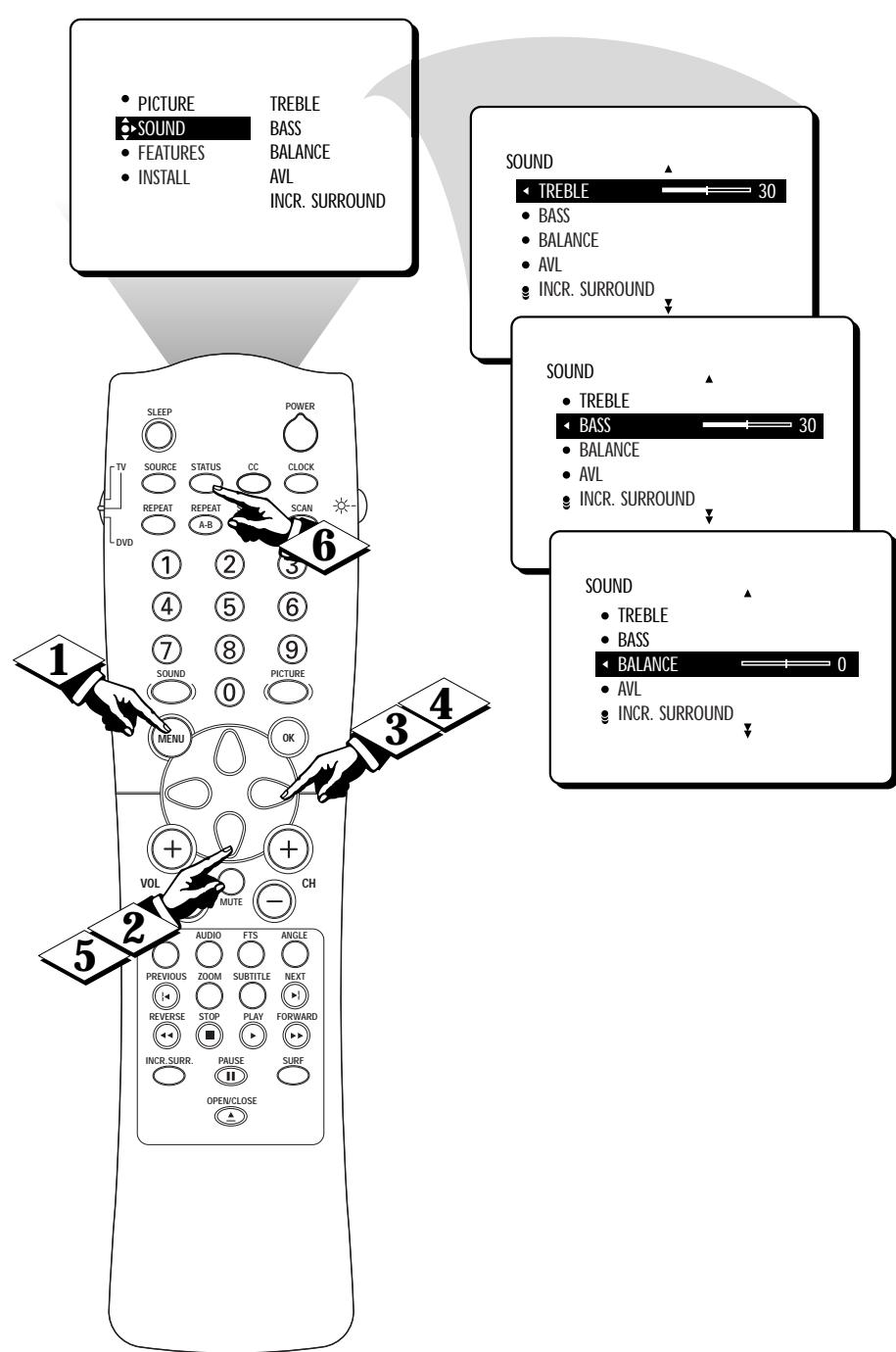
SMART HELP

Remember, when the bar scale is centered, speaker BALANCE is centered between the TV's left and right side speakers.

• PICTURE   TREBLE
↕ SOUND   BASS
• FEATURES   BALANCE
• INSTALL   AVL
        INCR. SURROUND

SOUND   ▲
◄ TREBLE   30
• BASS
• BALANCE
• AVL
🔊 INCR. SURROUND ▼

SOUND   ▲
• TREBLE
◄ BASS   30
• BALANCE
• AVL
🔊 INCR. SURROUND ▼

SOUND   ▲
• TREBLE
• BASS
◄ BALANCE   0
• AVL
🔊 INCR. SURROUND ▼

30

*U*se the Volume Bar control to see the TV's volume level settings on the TV screen. The Volume Bar will be seen each time the VOLUME buttons (on the TV or remote control) are pressed.

(BEGIN)

1 ▷ **Press the VOLUME (+) or (–) button** on the remote control to show the VOLUME bar display on the screen.

2 ▷ **Press the VOLUME (+) or (–) button** to adjust the television's sound level.

STOP

SMART HELP

Try it out. Press the VOL (+) and (–) buttons. The VOLUME bar will appear near the bottom center of the screen.

VOLUME ▬▬▬ 15

SLEEP   POWER

TV   SOURCE   STATUS   CC   CLOCK

REPEAT   REPEAT   SHUFFLE   SCAN
          A-B   A/CH
DVD

① ② ③
④ ⑤ ⑥
⑦ ⑧ ⑨
SOUND ⓪ PICTURE

MENU   OK

VOL + + CH
VOL – MUTE –

T/C   AUDIO   FTS   ANGLE

PREVIOUS   ZOOM   SUBTITLE   NEXT

REVERSE   STOP   PLAY   FORWARD

INCR.SURR.   PAUSE   SURF

OPEN/CLOSE
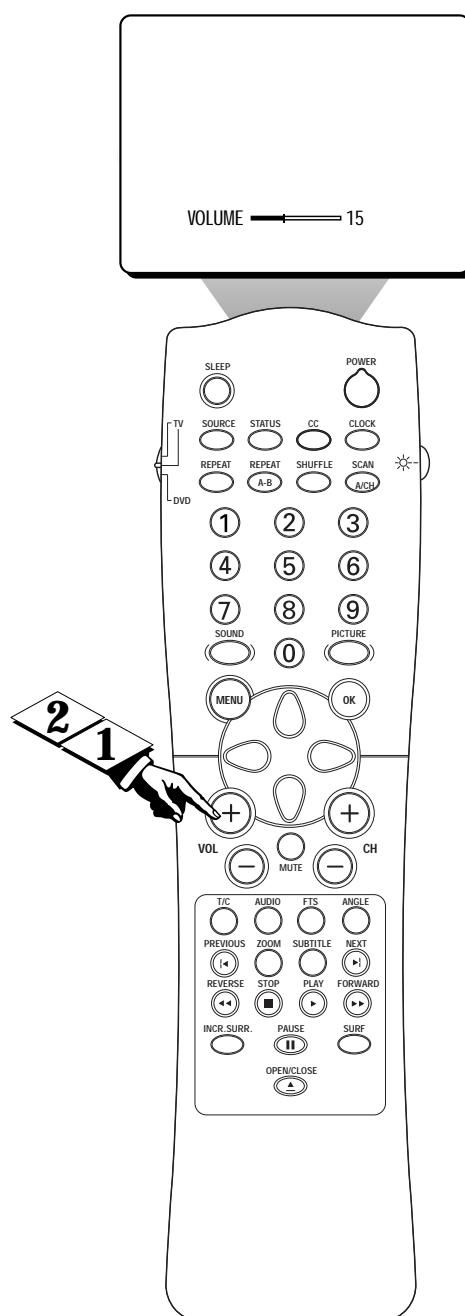
In most cases, the volume levels coming from broadcast programming or commercials are never the same. With the AVL (Audio Volume Leveler) control turned ON, you can have the TV level out sound that is being heard. This makes for a more consistent sound by reducing the peaks and valleys that occur during program changes or commercial breaks. To turn the AVL ON, follow these steps.

BEGIN

1. **Press the MENU button** on the remote control to show the on-screen menu.

2. **Press the CURSOR DOWN button** once to highlight SOUND.

3. **Press the CURSOR RIGHT button** and the menu will shift to the left. TREBLE will be highlighted and an adjustment bar will be shown to the right.

4. **Press the CURSOR DOWN button** repeatedly until AVL is highlighted. Then **press the CURSOR RIGHT or CURSOR LEFT button** to toggle AVL ON or OFF.

5. **Press the STATUS button** to remove the menu from the screen.

STOP

• PICTURE   TREBLE
▸ SOUND   BASS
• FEATURES   BALANCE
• INSTALL   AVL
             INCR. SURROUND

SOUND
◄ TREBLE ═══════ 30
• BASS
• BALANCE
• AVL
• INCR. SURROUND

SOUND
• TREBLE
• BASS
• BALANCE
◄ AVL   ●▸ OFF
• INCR. SURROUND

OR

◄ AVL   ●▸ ON
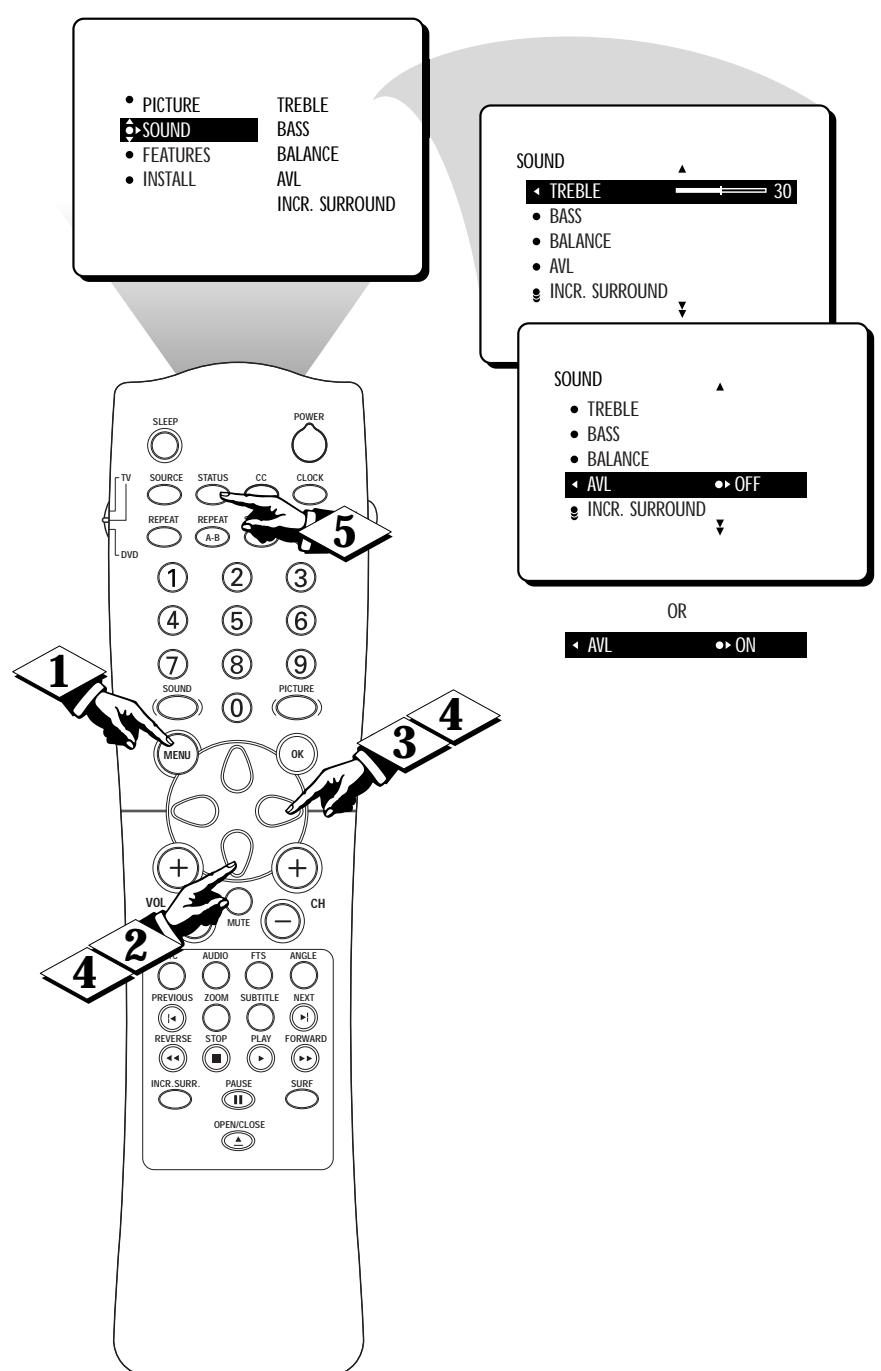
The Incredible Surround feature adds greater depth and dimension to both monaural (MONO) and stereo TV sound. With the control set to INCR. SURROUND (Incredible Surround), the TV's speakers can add even wider sound separation to normal broadcasts.

BEGIN

1 ▷ **Press the INCR. SURR. button** on the remote control to turn the Incredible Surround feature ON.

When the TV signal is being received in Stereo, pressing this button will give you these options: STEREO, or INCR. SURROUND.

When the TV signal is in MONO, the choices displayed will read SPATIAL or MONO.

STOP

SPATIAL

INCR. SURROUND

MONO OPTIONS ARE:
◄ INCR. SURROUND   SPATIAL
OR
◄ INCR. SURROUND   MONO

On-screen menu options for Incredible Surround in MONO mode

STEREO OPTIONS ARE:
◄ INCR. SURROUND   INCR. SURR
OR
◄ INCR. SURROUND   STEREO

On-screen menu options for Incredible Surround in STEREO mode

NOTE: If the TV signal is being received from a mono source, pressing the INCR. SURR. button will cause either MONO or SPATIAL to appear on the the screen.

SPATIAL – widens the sound, simulating a broader, fuller sound.

NOTE: If the TV signal is being received from a stereo source, pressing the INCR. SURR. button will toggle three choices: STEREO, INCR. SURROUND, and VIRTUAL DOLBY SURR.

INCR. SURROUND – widens the sound, simulating a broader, fuller sound.
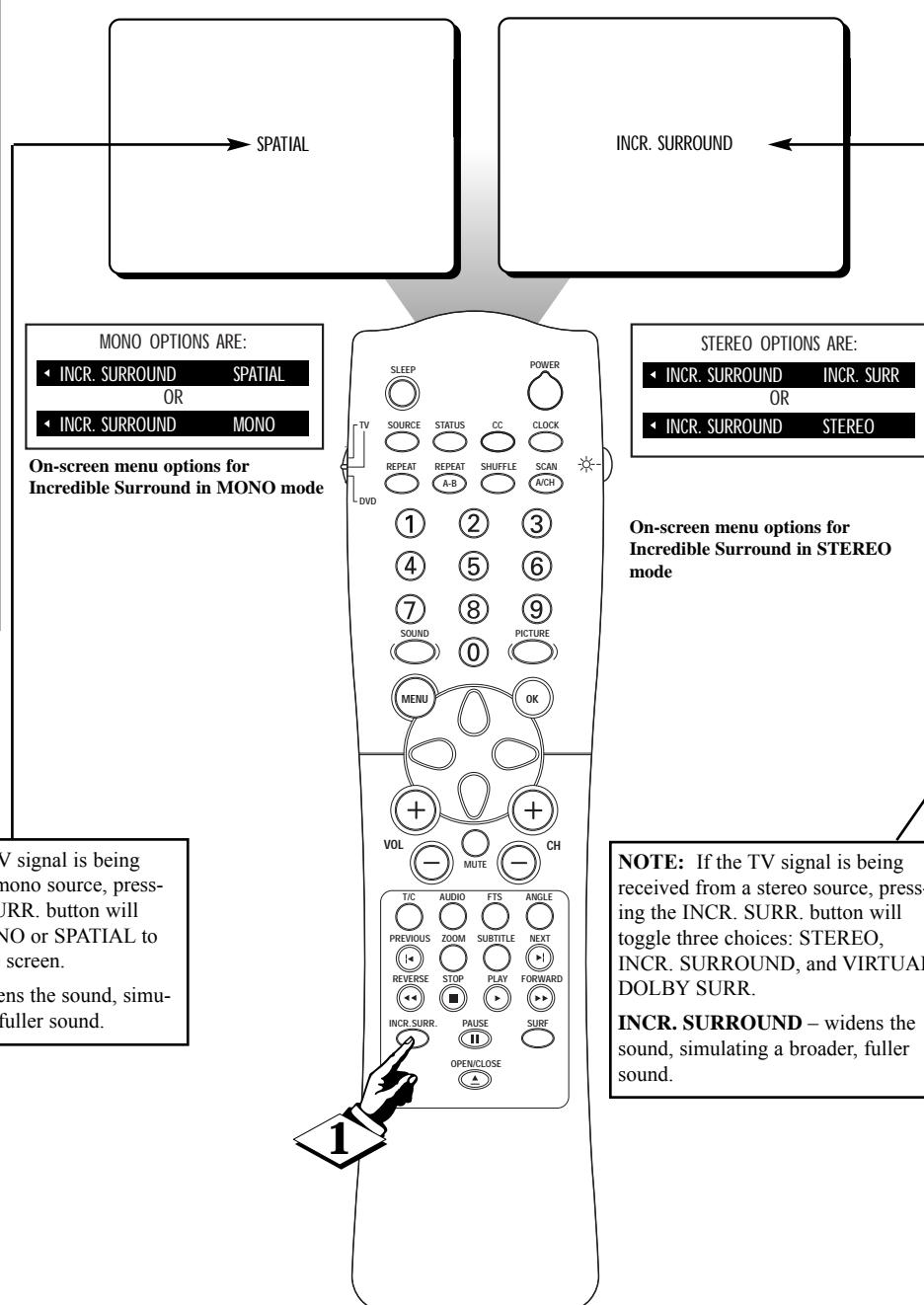
You can receive broadcast stereo TV programs. The TV has both an amplifier and twin speakers through which the stereo sound can be heard.

BEGIN

1 **Press the MENU button** on the remote control to show the on-screen menu.

2 **Press the CURSOR DOWN button** once to highlight the SOUND menu.

3 **Press the CURSOR RIGHT button** and the menu will shift to the left.

4 **Press the CURSOR DOWN button repeatedly** until the STEREO control is highlighted.

5 **Press the CURSOR LEFT or CURSOR RIGHT button** to select STEREO or MONO. When STEREO has been selected, the television will reproduce any stereo broadcast signal it receives.

6 **Press the STATUS button** to remove the menu from the screen.

STOP

- PICTURE
- SOUND
- FEATURES
- INSTALL

TREBLE
BASS
BALANCE
AVL
INCR. SURROUND

SOUND
◄ TREBLE ▬▬▬ 30
- BASS
- BALANCE
- AVL
- INCR. SURROUND

SOUND
- BASS
- BALANCE
- AVL
- INCR. SURROUND
◄ STEREO ●► MONO

OR

◄ STEREO ●► STEREO

SMART HELP

Remember, if stereo is not present on a selected show and the TV is placed in the STEREO mode, the sound coming from the set will remain monaural.
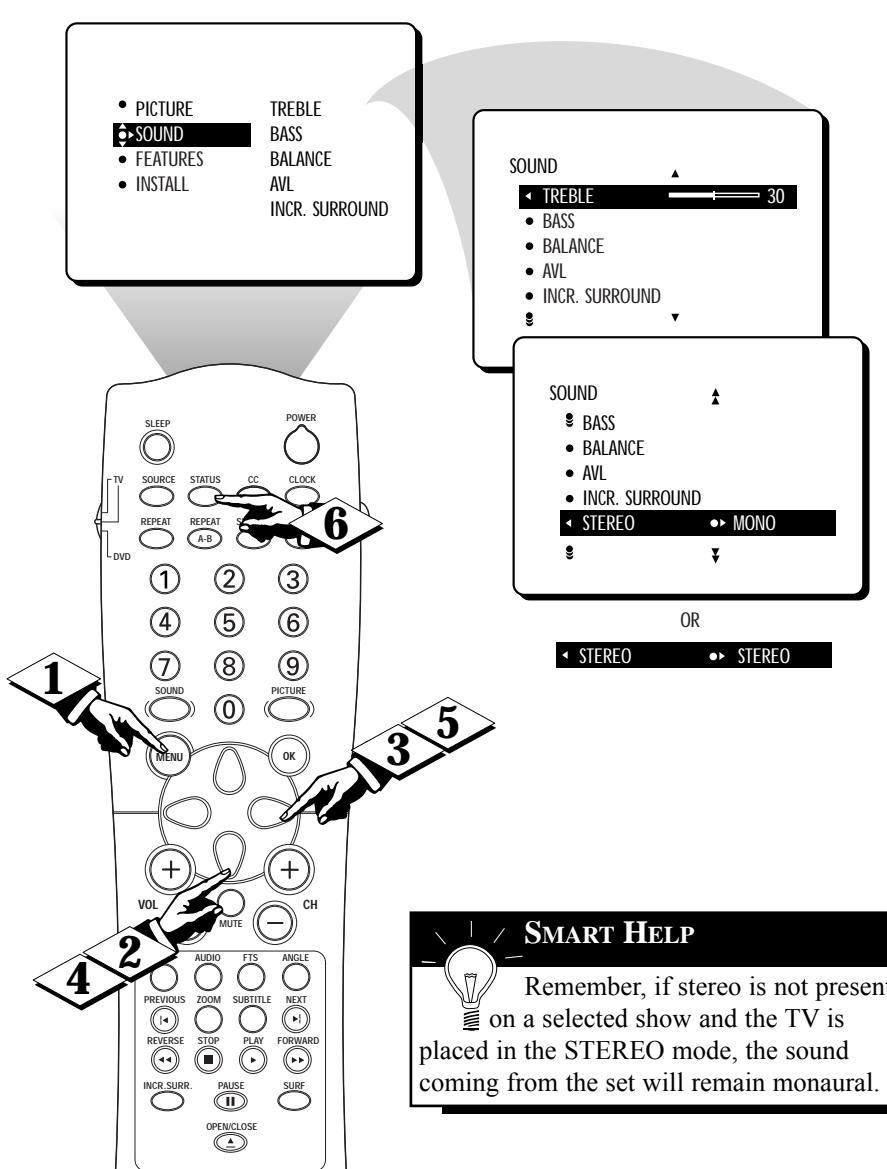
SECOND AUDIO PROGRAM (SAP)

An SAP is an additional part of the stereo broadcast system. Sent as a third audio channel, an SAP can be heard apart from the current TV program sound. TV stations are free to use SAP for any number of purposes.

If an SAP signal is not present with a selected program, the SAP option cannot be selected. Also, if SAP is selected on a channel (with SAP) and you select another channel, when you return to the original channel, SAP will be OFF. You will have to reselect the SAP feature.

SOUND
- BALANCE
- AVL
- INCR. SURROUND
- STEREO
◄ SAP ●► NOT AVAILABLE

SOUND
- BALANCE
- AVL
- INCR. SURROUND
- STEREO
◄ SAP ●► AVAILABLE

IF SECONDARY AUDIO PROGRAMING IS BEING BROADCAST:
◄ SAP ●► AVAILABLE
OR
◄ SAP ●► OFF

IF SECONDARY AUDIO PROGRAMING IS NOT BEING BROADCAST:
◄ SAP ●► NOT AVAILABLE
OR
◄ SAP ●► OFF
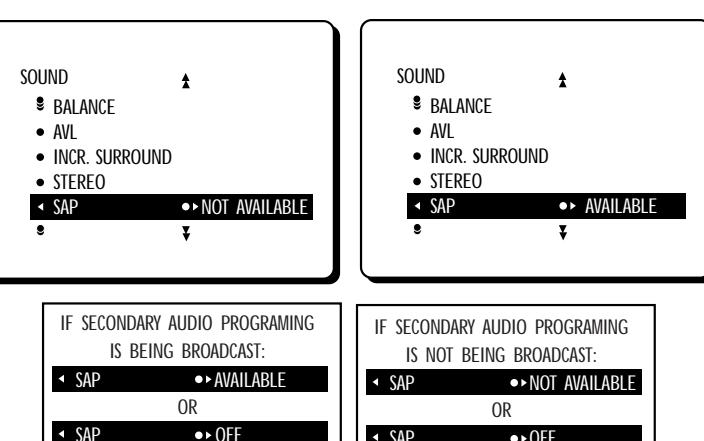
If you have connected the TV's AUDIO OUTPUT jacks to the AUDIO INPUT jacks on a stereo receiver, set AUDIO OUT to either VARIABLE or FIXED to determine whether you adjust the volume at the stereo or at the TV. If you select VARIABLE, change the volume at the TV using the TV's remote control. If you select FIXED, adjust the volume at the stereo using the stereo's controls. To select FIXED or VARIABLE, follow these steps.

BEGIN

1 ▷ **Press the MENU button** on the remote control to show the on-screen menu.

2 ▷ **Press the CURSOR DOWN button** once to highlight SOUND.

3 ▷ **Press the CURSOR RIGHT button** and the menu will shift to the left.

4 ▷ **Press the CURSOR DOWN button** repeatedly until AUDIO OUT is highlighted.

5 ▷ **Press the CURSOR LEFT or CURSOR RIGHT button** to set the AUDIO OUT to VARIABLE or FIXED.

6 ▷ **Press the STATUS button** to remove the menu from the screen.

STOP

• PICTURE   TREBLE
♦▶SOUND   BASS
• FEATURES   BALANCE
• INSTALL   AVL
                   INCR. SURROUND

SOUND   ▲
◀ TREBLE   ━━▬━━ 30
• BASS
• BALANCE
• AVL
• INCR. SURROUND
♦   ⤓

SOUND   ⤒
⤡ AVL
• INCR. SURROUND
• STEREO
• SAP
◀ AUDIO OUT   •▶ FIXED
•   ⤓

OR
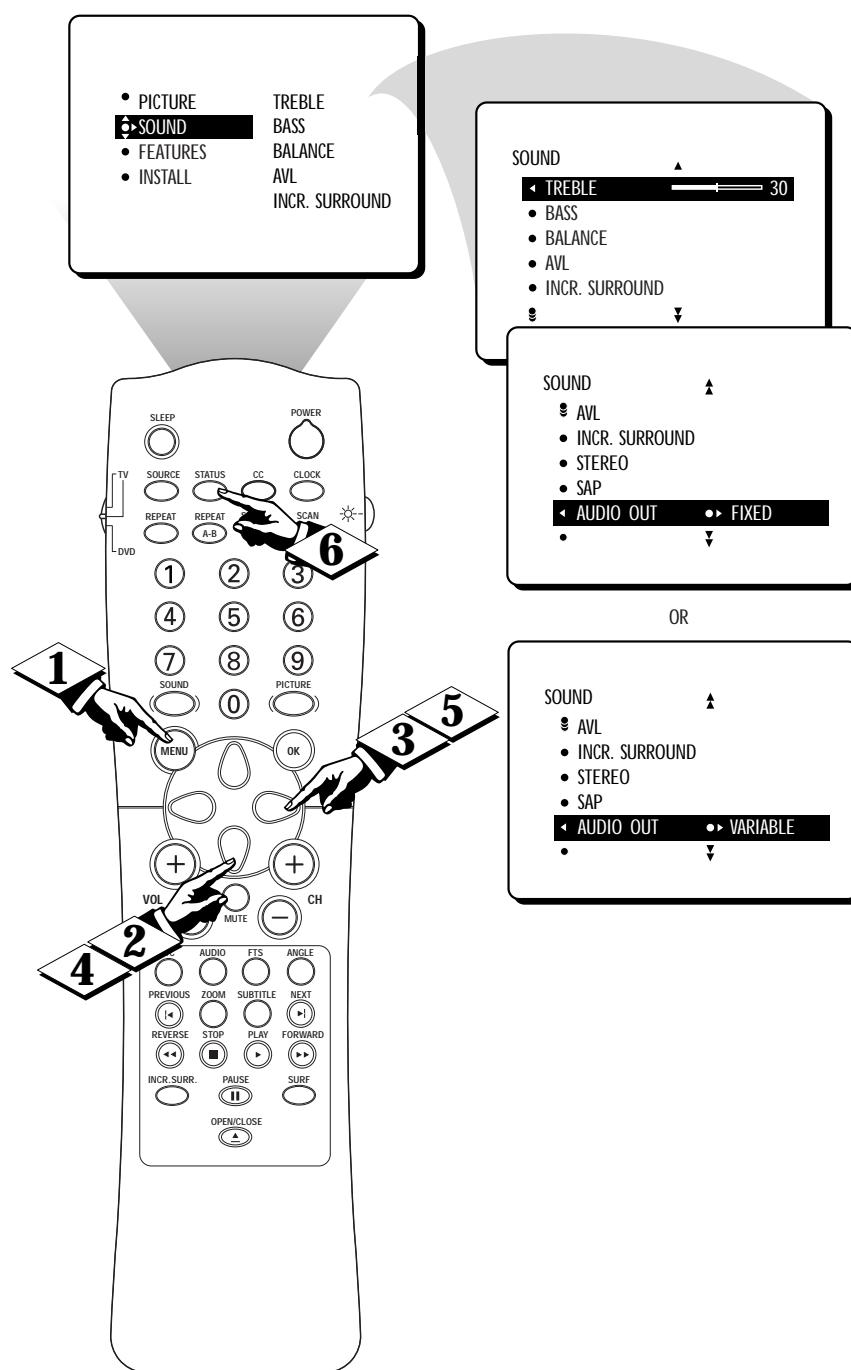
SOUND   ⤒
⤡ AVL
• INCR. SURROUND
• STEREO
• SAP
◀ AUDIO OUT   •▶ VARIABLE
•   ⤓

Would you like to hear TV programs through your audio hi-fi system? The TV's Audio Output jacks and TV Speaker ON/OFF control work together to offer you this TV sound option.

BEGIN

1 **Connect the R(ight) and L(eft) AUDIO OUT** jacks on the TV to the R and L audio input jacks on your amplifier or sound system. Set the audio system's volume to a normal listening level.

2 **Turn the TV and audio system ON.** You can now adjust the sound level coming from the audio system with the VOLUME (+) or (–) buttons on the TV or remote control.

To hear the TV sound from only the audio system speakers:

3 **Press the MENU button** on the remote control to show the on-screen menu.

4 **Press the CURSOR DOWN button** once to highlight SOUND.

5 **Press the CURSOR RIGHT button** and the menu will shift to the left.

6 **Press the CURSOR DOWN button** repeatedly until the SPEAKERS control is highlighted.

7 **Press the CURSOR RIGHT or CURSOR LEFT button** to turn the television's speakers ON or OFF. With the SPEAKERS control set to OFF, you should hear the TV sound coming only from the audio system speakers.

STOP

💡 **SMART HELP**

Remember, the audio system may have to be in AUX(iliary) mode to play sound from the TV.

PICTURE	TREBLE
SOUND	BASS
FEATURES	BALANCE
INSTALL	AVL
	INCR. SURROUND

SOUND
◄ TREBLE ▬▬▬ 30
● BASS
● BALANCE
● AVL
● INCR. SURROUND

SOUND
● INCR. SURROUND
● STEREO
● SAP
● AUDIO OUT
◄ SPEAKERS ●► ON

OR

◄ SPEAKERS ●► OFF

JACK PANEL
(Located on the back of the television)

SURROUND SOUND
+ R – – L +

DIGITAL AUDIO OUT
PCM/MPEG2/DOLBYD/DTS

OPTICAL

COAXIAL

75Ω

Monitor out   AV1 in   AV2 in

VIDEO

L/Mono

AUDIO

R

S-VIDEO

MONITOR OUT
AUDIO L and R
(RED/WHITE)

AUDIO CABLES

AUX/TV INPUT

PHONO INPUT

AUDIO SYSTEM

Whether you're watching a movie or a video game, your TV has automatic video control settings that will match with your current program source or content. AutoPicture™ quickly resets your TV's video controls for a number of different types of programs and viewing conditions that you may have in your home. The Movies, Sports, Weak Signal, and Multimedia AutoPicture™ controls have been preset at the factory to automatically adjust the TV's brightness, color, picture, sharpness, tint, and color temperature levels. The Personal AutoPicture™ settings are the ones that you made through the PICTURE options within the on-screen menu.

BEGIN

1 **Press the PICTURE button** on the remote control. The current AutoPicture™ setting will appear in the middle of the screen.

2 **Press the PICTURE button repeatedly** to select either PERSONAL, MOVIES, SPORTS, WEAK SIGNAL, or MULTI MEDIA picture settings.

NOTE: The PERSONAL setting and the PICTURE options within the on-screen menu are the same. This is the only option in AutoPicture™ that can be changed. To adjust these settings, use the PICTURE options within the on-screen menu. All other settings are set up at the factory during production and cannot be adjusted.

STOP
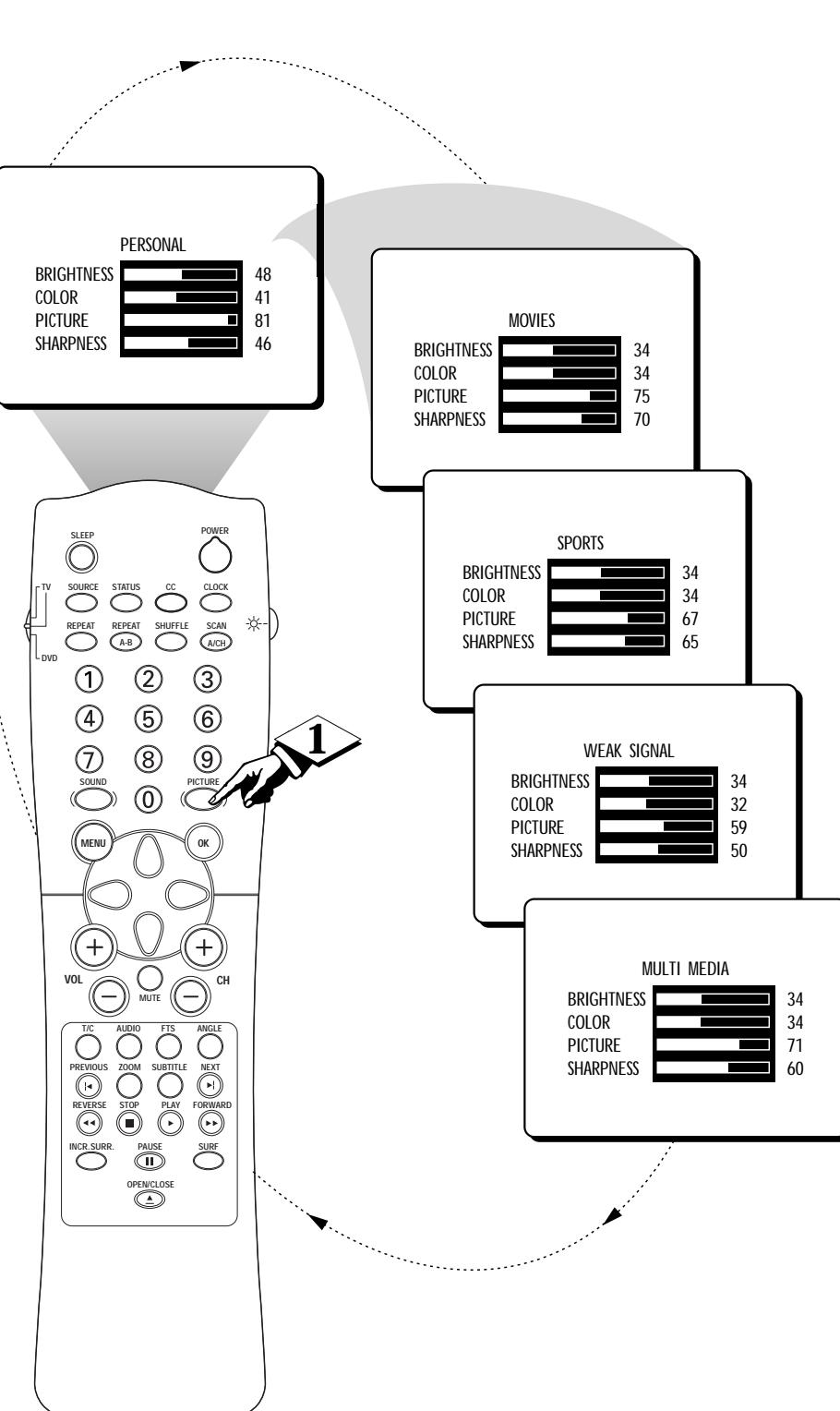
PERSONAL
BRIGHTNESS	48
COLOR	41
PICTURE	81
SHARPNESS	46

MOVIES
BRIGHTNESS	34
COLOR	34
PICTURE	75
SHARPNESS	70

SPORTS
BRIGHTNESS	34
COLOR	34
PICTURE	67
SHARPNESS	65

WEAK SIGNAL
BRIGHTNESS	34
COLOR	32
PICTURE	59
SHARPNESS	50

MULTI MEDIA
BRIGHTNESS	34
COLOR	34
PICTURE	71
SHARPNESS	60

A *utoSound™ allows you to select from three factory-set controls and a personal control that you set according to your own preferences through the on-screen Sound menu. The three factory-set controls (Voice, Music, and Theatre) enable you to tailor the TV sound so as to enhance the particular program you are watching. Follow these steps to select any of the options.* **BEGIN**

①

Press the SOUND button on the remote control. The current AutoSound™ setting will appear in the middle of the screen.

②

Press the SOUND button repeatedly to toggle among the four settings: PERSONAL, VOICE, MUSIC, or THEATRE.

Remember, only the PERSONAL control can be changed by the viewer. This changes the settings in the main on-screen menu's SOUND controls.

STOP
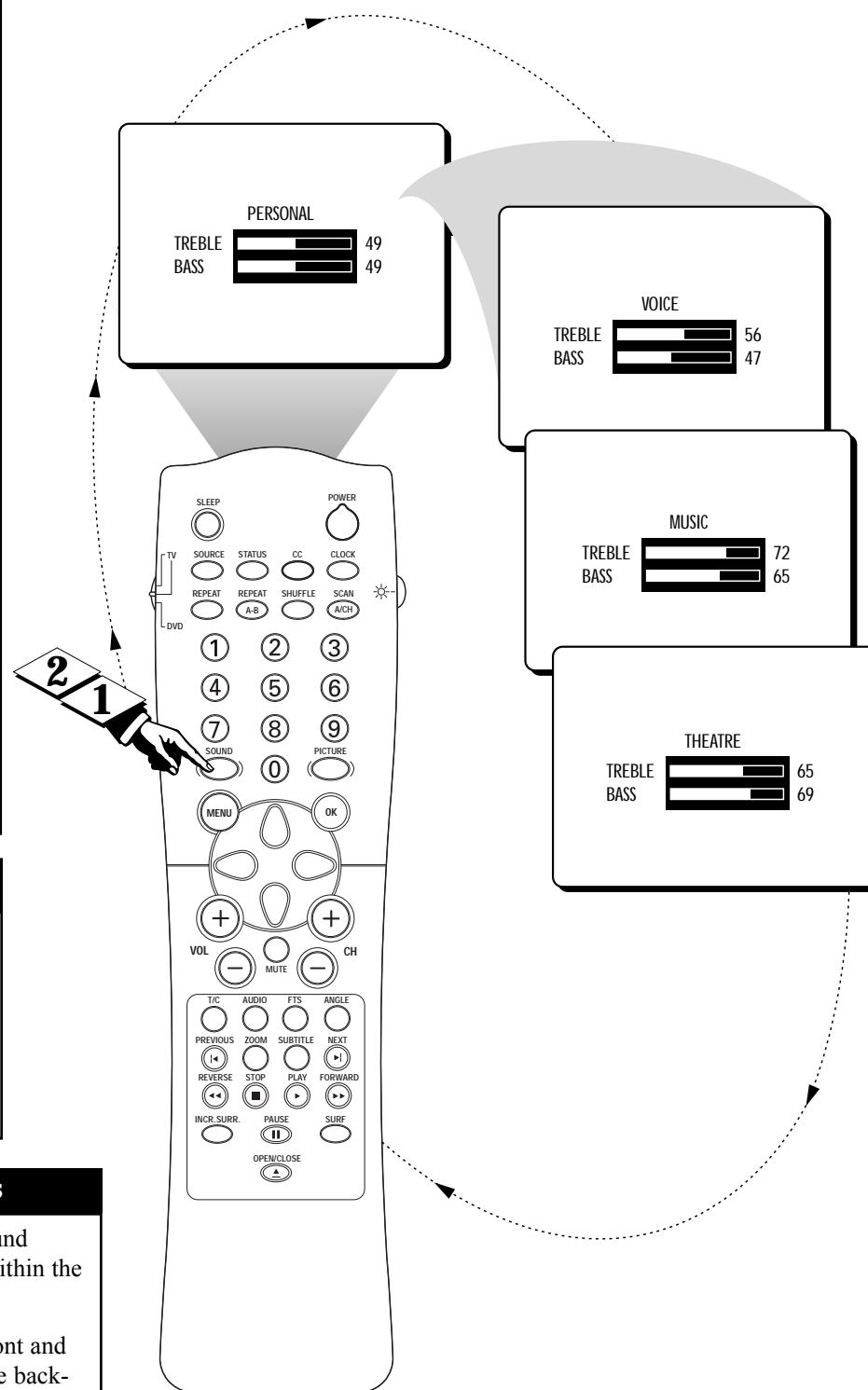
SMART HELP

Remember, AutoSound™ works only with the programs coming through the ANTENNA/CABLE (ANT) input on the rear of the TV (RF audio). It will not control the sound levels for the external connections.

AutoSound™ Options

PERSONAL – presents the TV's sound according to the settings you make within the sound menu.

VOICE – brings voices to the forefront and emphasizes them. Moves music to the background.

MUSIC – emphasizes music over voices.

THEATRE – provides a balance between voices and music.

PERSONAL
TREBLE ▕███████▏ 49
BASS ▕███████▏ 49

VOICE
TREBLE ▕████████▏ 56
BASS ▕███████▏ 47

MUSIC
TREBLE ▕█████████▏ 72
BASS ▕████████▏ 65

THEATRE
TREBLE ▕████████▏ 65
BASS ▕█████████▏ 69

A list or series of previously viewed channels can be selected with the SURF button on your remote control. With this feature, you can easily switch between different TV channels that currently interest you. The SURF control allows you to set up to ten channels in its quick viewing list.

BEGIN

1 **Press the CHANNEL(+) or (–) button** (or the numbered buttons) to select a channel to add to the SURF list.

2 **Press the SURF button** on the remote control. The on-screen display may read, "SURF LIST EMPTY." The number of the current channel will be shown with "ADD?" to the right.

3 While the SURF list message or the SURF channel list appears on the screen, **press the CURSOR RIGHT button** to add the present channel to the SURF list.

4 If you want to delete the present channel from the SURF list, **press the CURSOR RIGHT button** again.

Repeat steps 1 through 3 to add more channels (up to 10) to the SURF list.

STOP

NOTE: Along with regularly programmed channels, the external video source connections can be added to the SURF list. This means that the AV1, AV2, and AV3 channels can be added to your SURF list. Just tune to their channel and use the same procedure described on this page.

SURF

• ▸ 12   ADD?

SURF LIST EMPTY

SURF

• ▸ 12   DELETE?

SURF

12
• ▸ 24   ADD?

SURF

12
• ▸ 24   DELETE?

SURF

12
24
• ▸ 32   ADD?

SURF

12
24
• ▸ 32   DELETE?

39
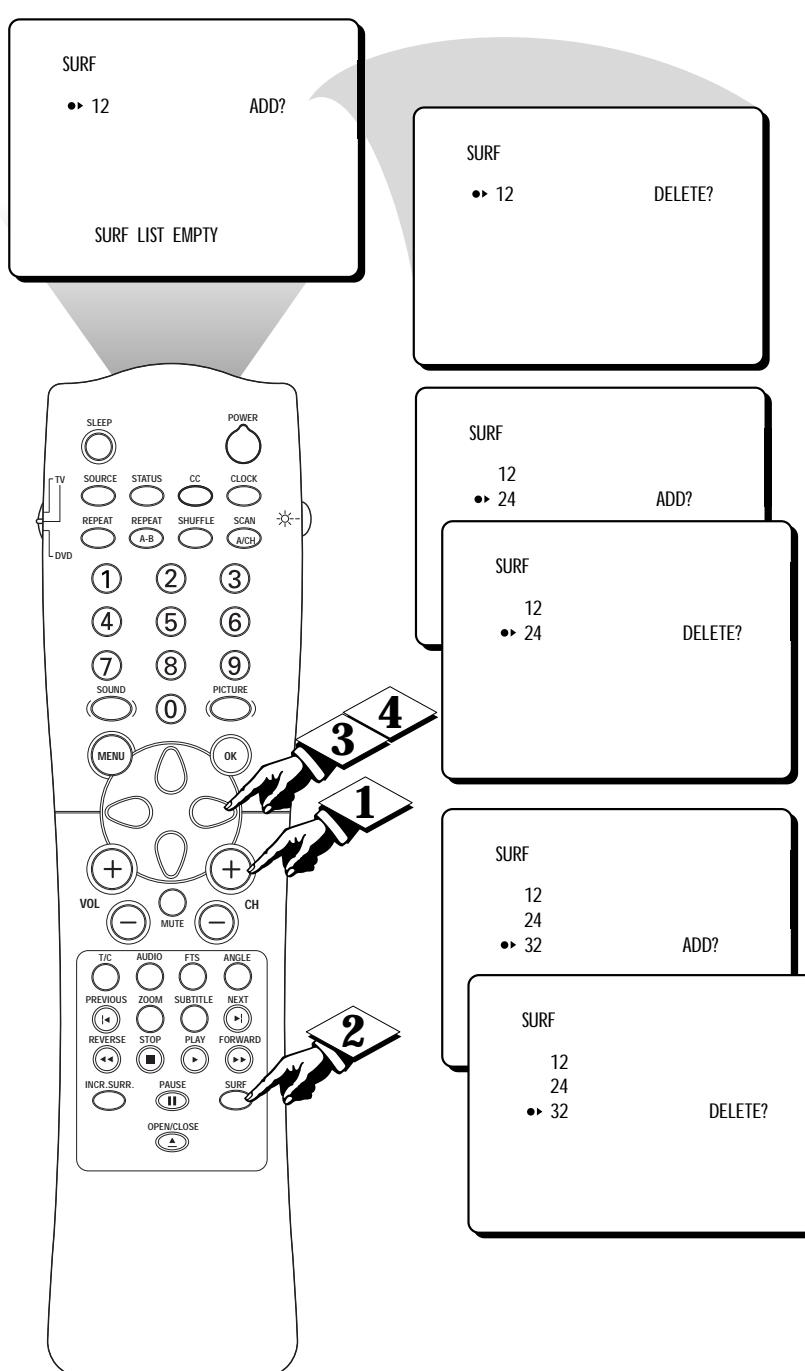
This section of the _Directions for Use_ manual begins to explain the operating procedures of the DVD Player portion of this television. Be sure the remote control's TV/DVD Mode Switch is placed in the DVD position before attempting to operate the DVD Player.

Let's learn the simple operation of the TV's built-in DVD Player. Unless otherwise stated, all operations can be performed by using the remote control.

BEGIN

1 **Press the POWER button** on the remote control (or the TV) to turn the television ON.

2 **Slide the TV/DVD Mode Switch** on the remote control to the DVD position.

3 **Press the OPEN/CLOSE button** on the remote control to place the TV/DVD in the DVD mode. Press the OPEN/CLOSE button again to open the disc tray.

4 **Place your chosen disc in the tray.** Be sure that the disc label is facing up and the disc is centered in the tray.

5 **Press the OPEN/CLOSE button** on the remote control (or the EJECT button on the TV) to close the disc tray.

6 The on-screen display will indicate that the DVD Player is reading the disc. Then playback of the disc will begin automatically.

Note: If the "Child Lock" option is set to ON within the Personal Preference section, the 4-digit access code must be entered or the disc must be authorized. (See the "Access Control" section within this manual.)

A Default Screen is displayed when the DVD Player is in the STOP mode. It may contain a "Status Window" and a "Temporary Feedback Field." this screen gives information concerning prohibited actions, playback, modes, available angles, etc.

STOP

POWER

reading   stop

SLEEP   POWER
TV SOURCE STATUS CC CLOCK
REPEAT REPEAT SHUFFLE SCAN
DVD   A-B
1 2 3
4 5 6
7 8 9
SOUND 0 PICTURE
MENU   OK
VOL +   +
– MUTE – CH
T/C AUDIO FTS ANGLE
PREVIOUS ZOOM SUBTITLE NEXT
REVERSE STOP PLAY FORWARD
INCR. SURR. PAUSE SURF
OPEN/CLOSE
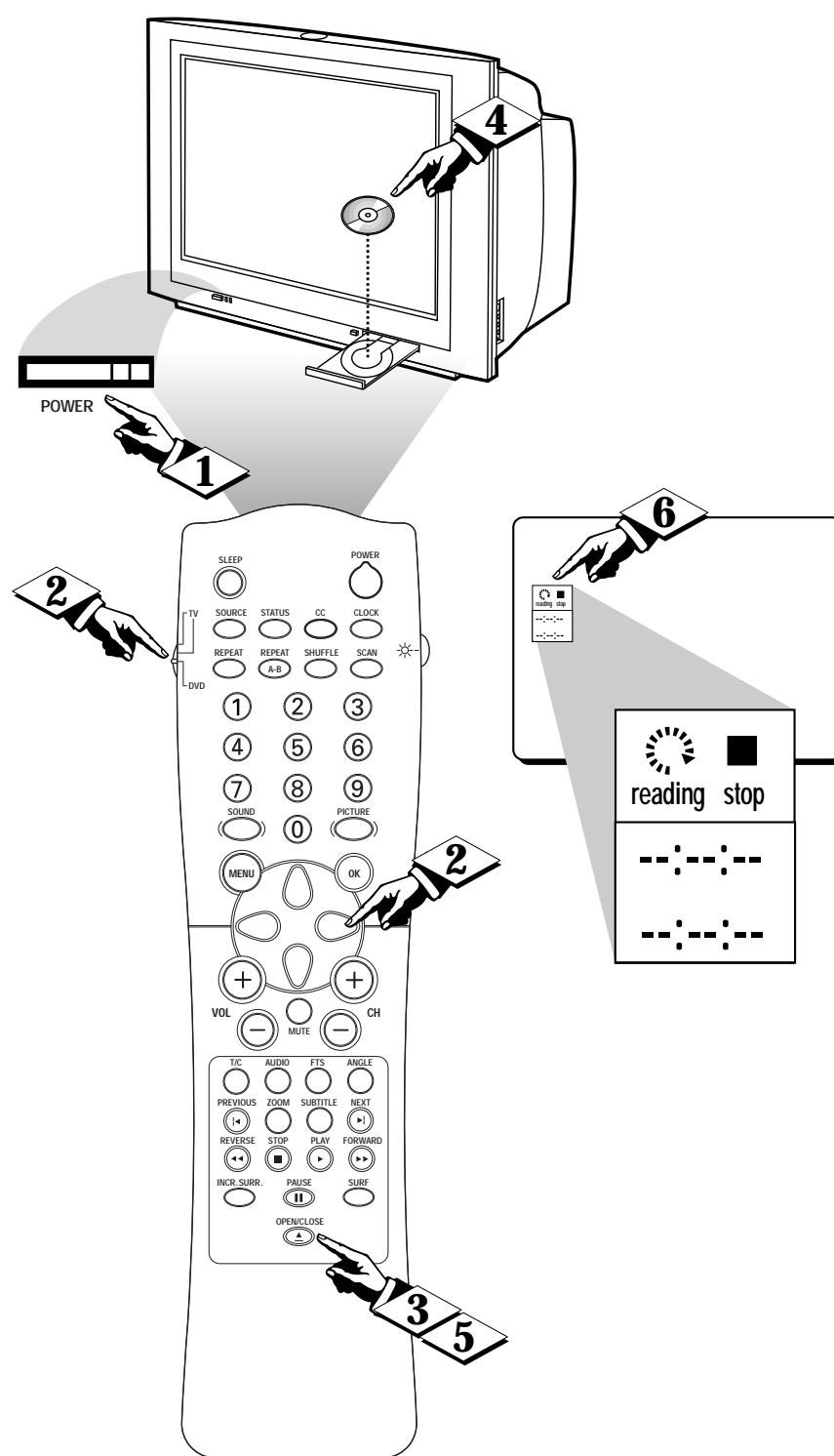
GENERAL EXPLANATION

This manual gives the basic instructions for operating this DVD Player. Some DVD's require specific operation or allow only limited operation during playback. In these cases, the player may not respond to all operating commands. When this occurs, please refer to the instructions contained with the DVD (disc). When the symbol $\boxed{X}$ *appears on the TV screen, the operation is not permitted by the player or the disc.*

BEGIN

Unless otherwise stated, all operations can be performed by using the remote control.

MENU BAR OPERATION

1. **Press the STATUS button** to display the DVD Player's on-screen menu.

2. **Press the CURSOR RIGHT or LEFT button** to highlight and select Menu Bar options: **Personal Preference, Title/Track, Chapter/Index, Audio Language, Subtitle Language, Angle, Zoom, Video Program, Sound, Picture by Picture, Slow Motion, Fast Motion, or Time Search.**

3. **Some of these options,** along with a few others, can also be selected directly from the remote control through dedicated function buttons.

4. **Pressing the STATUS button** while the on-screen menu is displayed will remove the menu from the TV screen.

STOP
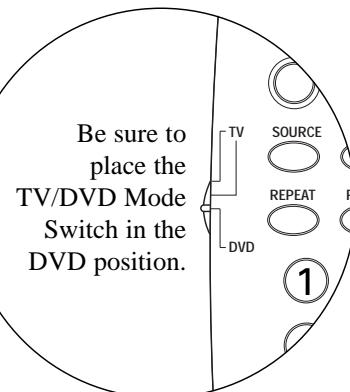
Be sure to place the TV/DVD Mode Switch in the DVD position.
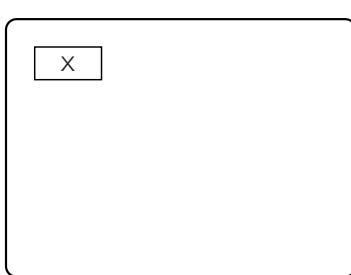
When the "X" icon appears on the TV screen, it means the function cannot be preformed or is not an available option for that disc.
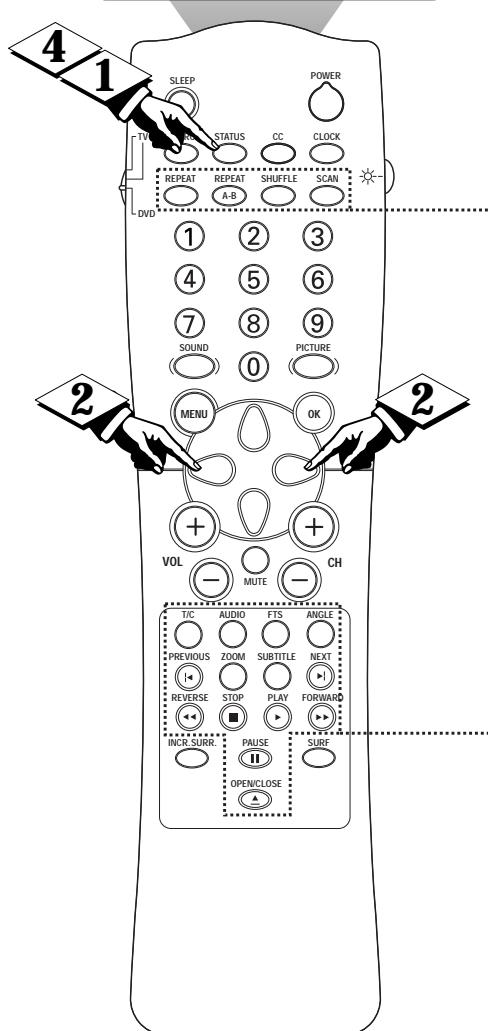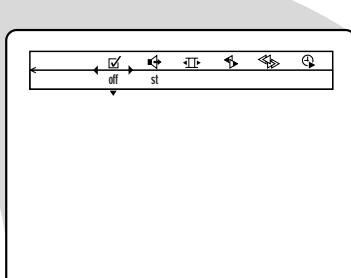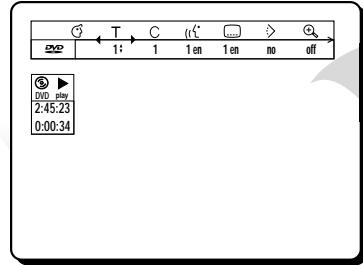
Menu Bar Icons

⟳	Personal Preference
⊤	Title/Track
C	Chapter/Index
((	Audio Language
⌐	Subtitle Language
⟩	Angle
⊕	Zoom
☑	Video Program
⇌	Sound
◀▊▶	Picture by Picture
↴	Slow Motion
⇛	Fast Motion
⊕	Time Search

PICTURE

Many of the DVD Player's features can be set to suit your "Personal Preference." Let's start by looking at the PICTURE features.

BEGIN

1 **Press the STATUS button** on the remote control to display the on-screen menu.

2 **Press the CURSOR LEFT or RIGHT until the Personal Preference Icon ⏚ is highlighted.**

3 **Press the CURSOR DOWN button** to highlight the Picture Icon ⏚ .

4 **Press the CURSOR RIGHT button** to highlight the first Picture feature option **"TV Shape"**.

5 **Press the CURSOR UP or DOWN button** to select and highlight the feature you wish to change. Choose **Picture Shape, Black Level Shift, or Video Shift.**

6 **Press the CURSOR RIGHT button** to display the options for the selected Picture feature.

Picture Shape: Select 4:3 pan-scan, 4:3 letterbox, or 16:9.
Black Level Shift: Select ON or OFF. When ON, richer color contrasts are obtained.
Video Shift: The factory centers the video picture on the TV's screen. Video Shift will let you position the picture by pressing the Cursor Right or Left.

7 **Press the CURSOR UP or DOWN buttons** to scroll and highlight the options of the selected feature.

8 **Press the OK button** to select or activate the chosen option.

9 **Press the STATUS button** to clear the on-screen menu from the TV screen.

STOP
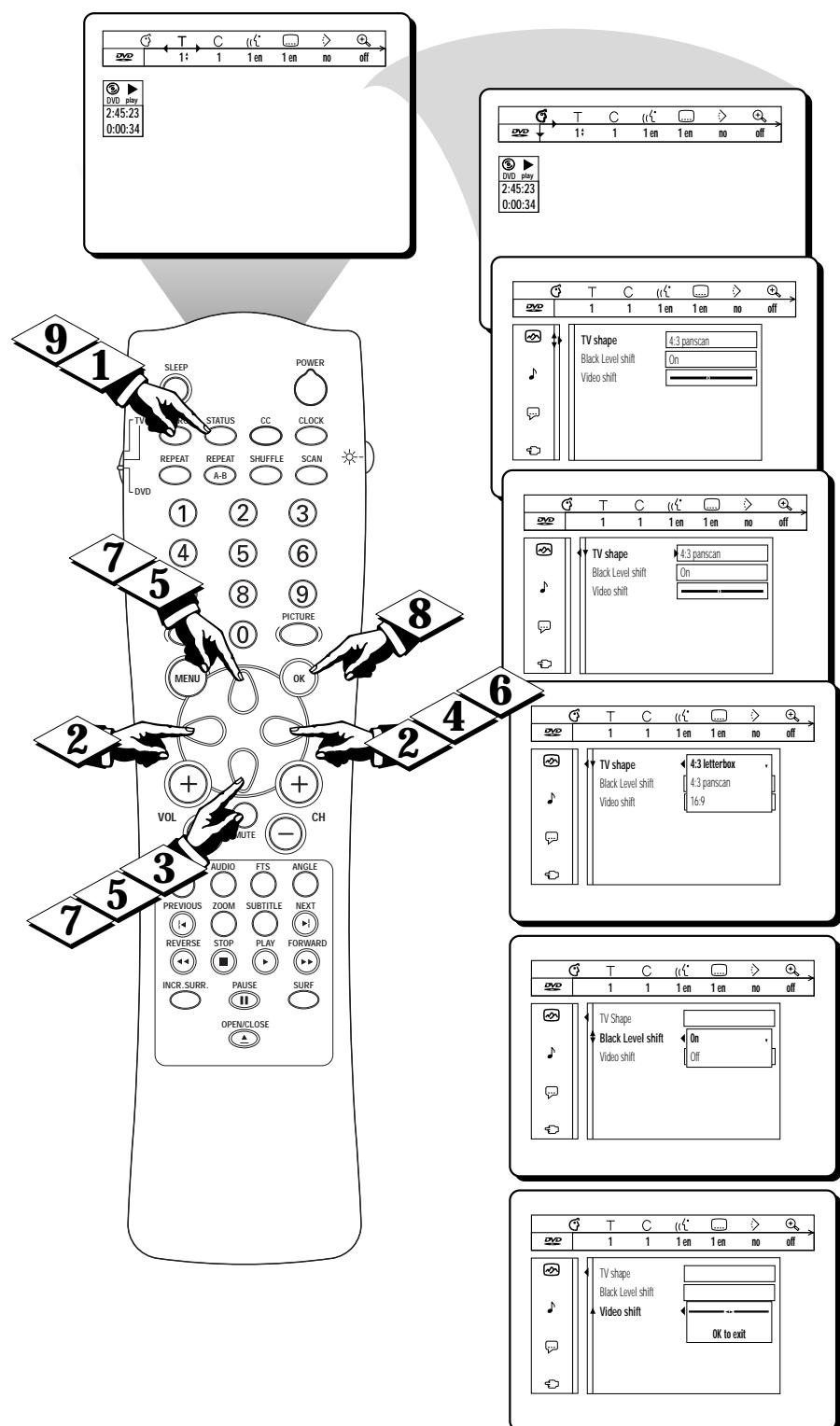
SOUND ♪

The Personal Preference area of the menu has various SOUND features to customize and compliment your viewing and listening pleasure.

(BEGIN)

1 **Press the STATUS button** on the remote control to display the on-screen menu.

2 **Press the CURSOR LEFT or RIGHT button** until the Personal Preference Icon ⓒ is highlighted.

3 **Press the CURSOR DOWN button** to highlight the Sound Icon ♪ .

4 **Press the CURSOR RIGHT button** to highlight the first Sound feature option **"Digital output"**.

5 **Press the CURSOR UP or DOWN button** to select and highlight the feature you wish to change. Choose **Digital output, Analog output, Night mode, or Karaoke vocal.**

6 **Press the CURSOR RIGHT button** to display the options for the selected Picture feature.

Digital output: Select **Off** (If using none of the digital outputs), **PCM only** (If your external equipment does not include a digital multi-channel decoder), or **All** (If using a digital multi-channel decoder, both coaxial and optical outputs are switched on.).
Analog output: Select **Stereo**, **Dolby surround**, or **3D sound**.
Night mode: Select **On** (Optimizes the dynamics of the sound with low volume playback), or **Off**.
Karaoke vocal: Select **On** (Set to on only when using a multi-channel karaoke DVD), or **Off**.

7 **Press the CURSOR UP or DOWN buttons** to scroll and highlight the options of the selected feature.

8 **Press the OK button** to select or activate the chosen option.

9 **Press the STATUS button** to clear the on-screen menu from the TV screen.

(STOP)
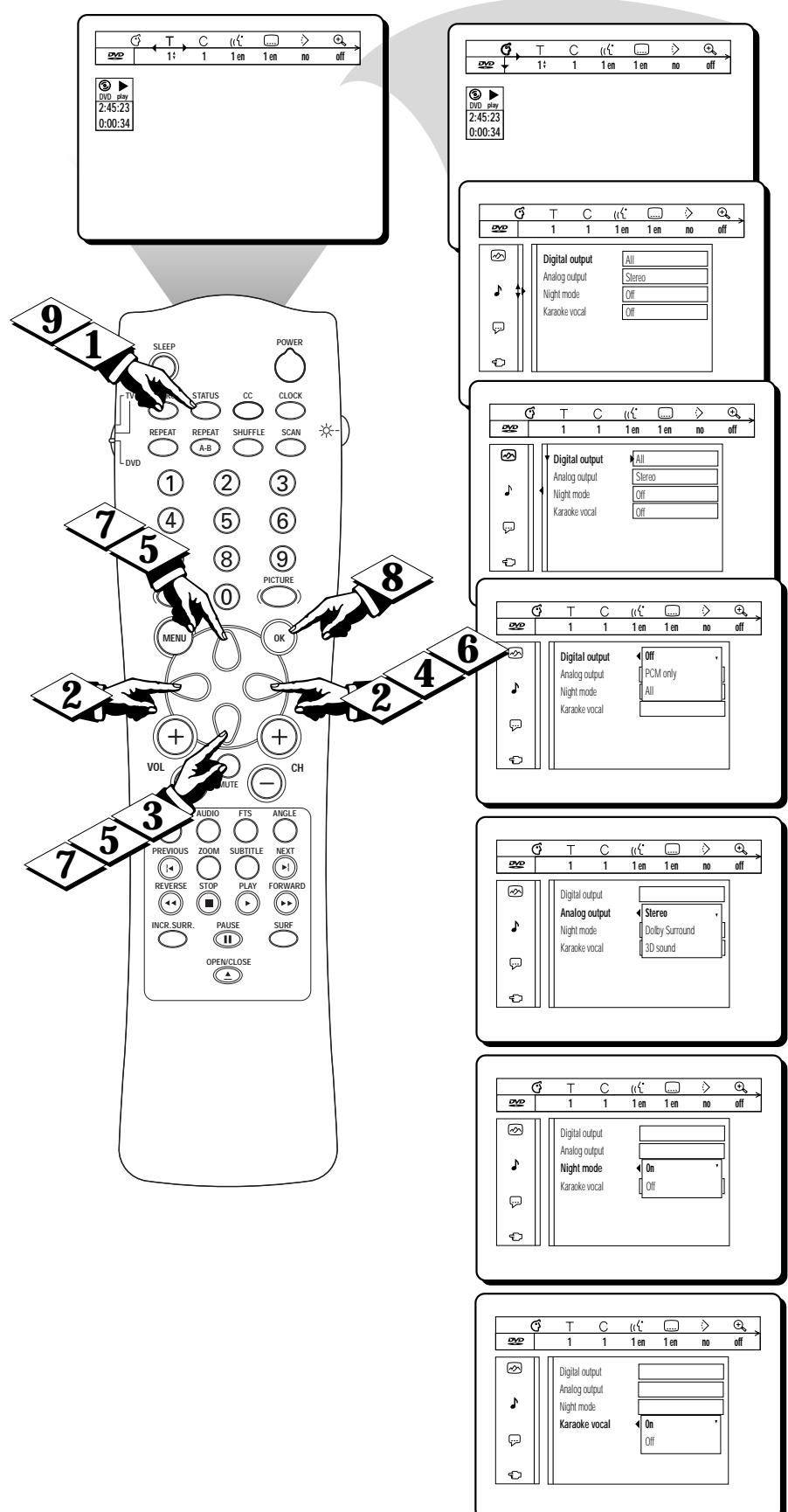
LANGUAGE

Many DVDs are capable of multi-lingual settings. The Language feature within the Personal Preference area of the DVD on-screen menu will let the user set the Audio, Subtitle, and Menu language.

BEGIN

1 **Press the STATUS button** on the remote control to display the on-screen menu.

2 **Press the CURSOR LEFT or RIGHT until the Personal Preference Icon ⊚ is highlighted.**

3 **Press the CURSOR DOWN button** to highlight the Language Icon ⊡.

4 **Press the CURSOR RIGHT button** to highlight the first Language feature option **"Audio Language."**

5 **Press the CURSOR UP or DOWN button** to select and highlight the feature you wish to change. Choose **Audio Language**, **Subtitle**, or **Menu**.

6 **Press the CURSOR RIGHT button** to display the options for the selected Picture feature.

> **Audio Language:** Choose from a list including; English, Español, Français, Português, Italiano, Russian, Deutsh, Greek, Japanese, Korean, Chinese, Quechua, Guaraní, Aymará, or Inupiaq.
> **Subtitle:** Select from the same list of languages listed under Audio Language. Will change the subtitle test only.
> **Menu:** Select from the same list of languages listed under Audio Language. Will change the DVD on-screen menu only.

NOTE: Audio Language and Subtitle options are available only if the DVD being used has these capabilities.

7 **Press the CURSOR UP or DOWN buttons** to scroll and highlight the options of the selected feature.

8 **Press the OK button** to select or activate the chosen option.

9 **Press the STATUS button** to clear the on-screen menu from the TV screen.

STOP
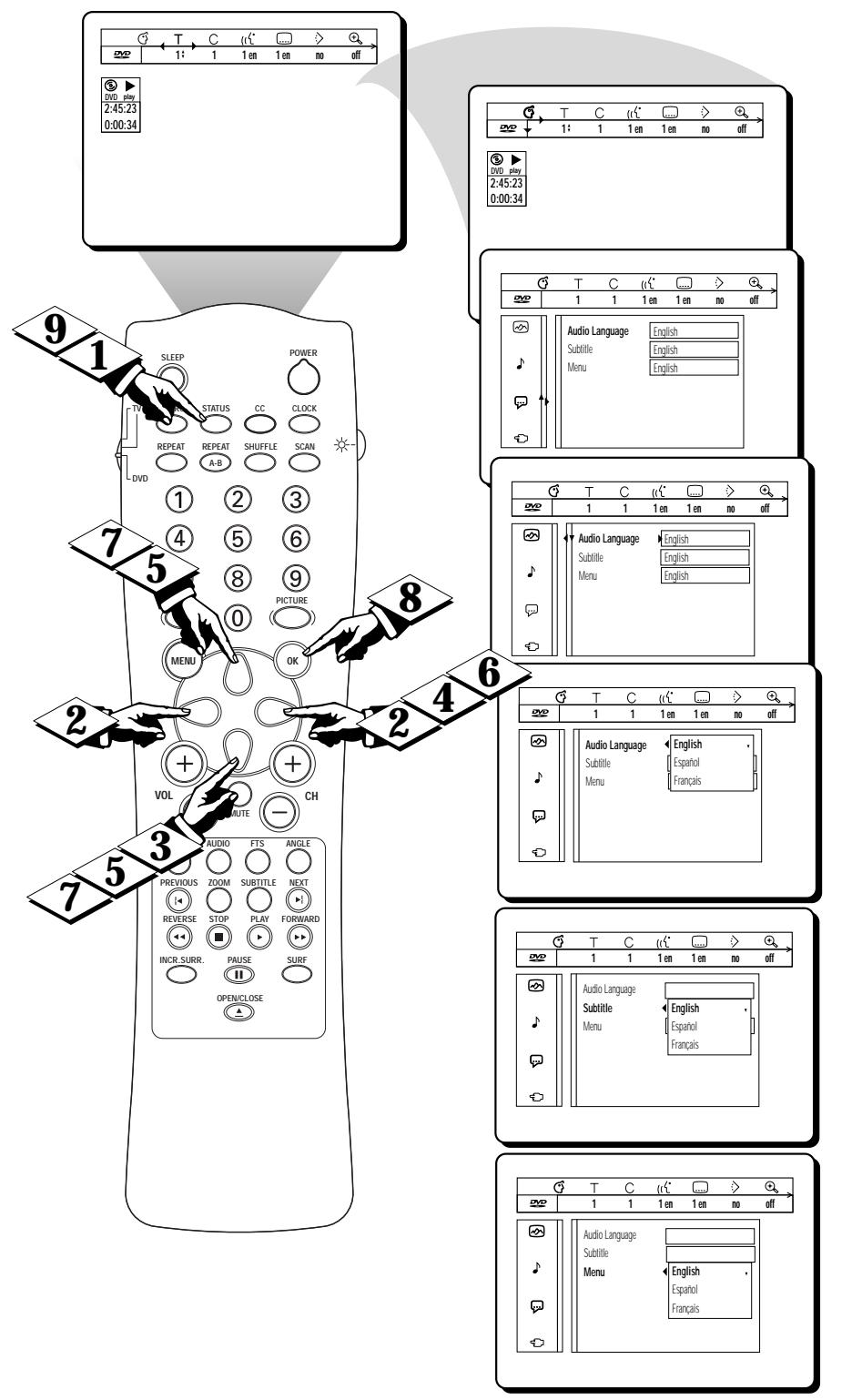
FEATURES

The Features section of the Personal Preference options contains an area where an Access Code and Parental censoring can be set. There also are features that can be turned On or Off (Status Window, Low Power Standby, and PBC - Playback Control).

BEGIN

1 **Press the STATUS button** on the remote control to display the on-screen menu.

2 **Press the CURSOR LEFT or RIGHT button** until the Personal Preference Icon ⌖ is highlighted.

3 **Press the CURSOR DOWN button** to highlight the Features Icon ⬡ .

4 **Press the CURSOR RIGHT button** to highlight the first Features option **"Access code."**

5 **Press the CURSOR UP or DOWN button** to select and highlight the feature you wish to change. Choose **Access control, Status window or Low power standby.**

6 **Press the CURSOR RIGHT button** to display the options for the selected Picture feature.

Access Control: Will require a four digit code to be entered (refer to next page for more details). Select **Child Lock** (locked or unlocked), **Parental level** (Rating 1 to 8 for scenes not suitable for children), **Change Country**, or **Change Code**.
Status Window: Select **On** or **Off**.
Low Power Standby: Select **On** (will put the set into the lower power standby mode), or **Off**.
PBC (Playback Control): Select **On** to allow viewing of main screen when playing a PBC featured Video CD, or **Off** for playback without use of the main screen.

7 **Press the CURSOR UP or DOWN buttons** to scroll and highlight the options of the selected feature.

8 **Press the OK button** to select or activate the chosen option.

9 **Press the STATUS button** to clear the on-screen menu from the TV screen.

STOP
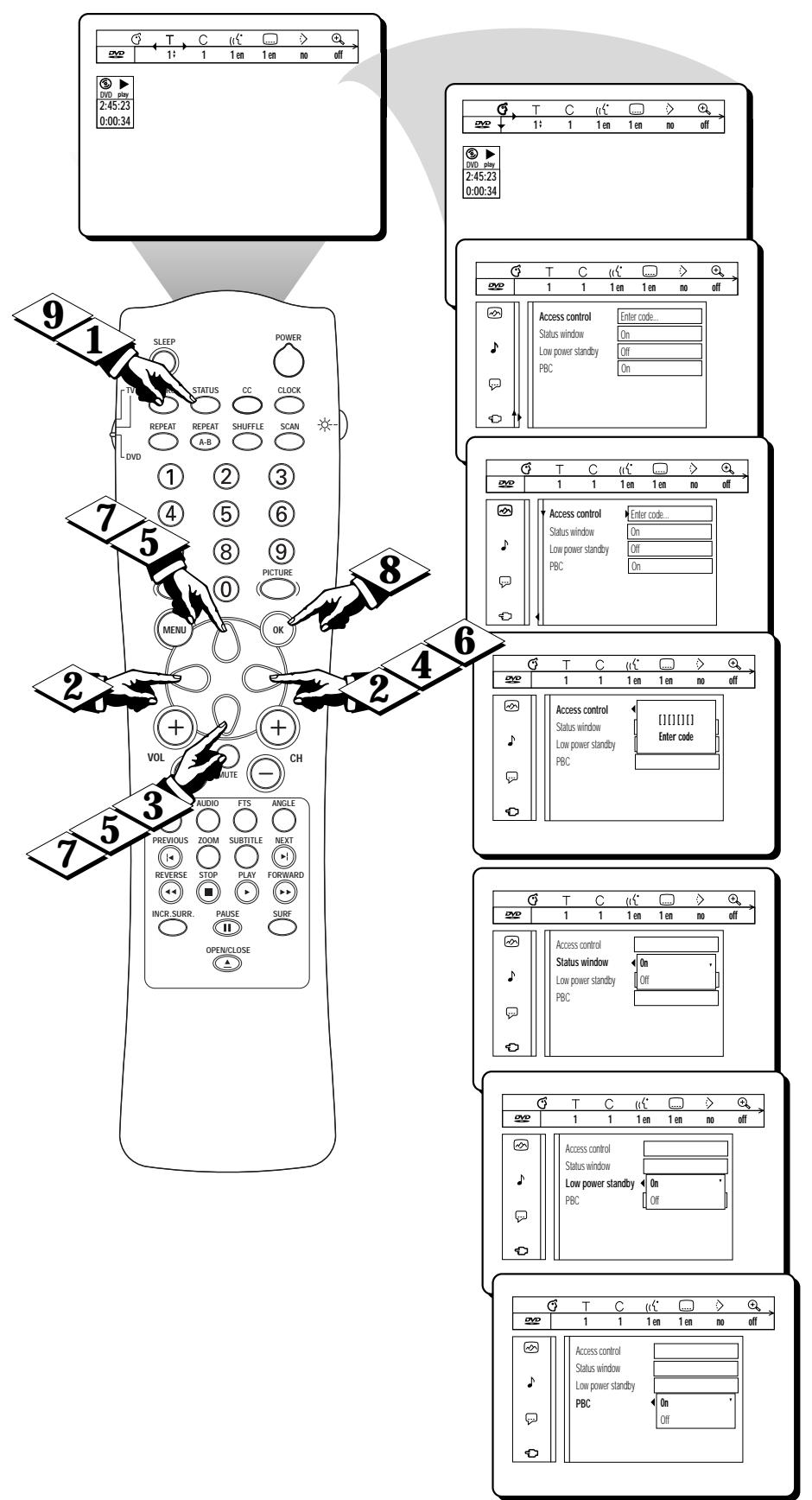
ACCESS CODE 👆

When using and making changes within the Access Control option of the Features sub-menu, an ACCESS CODE will have to entered before any new settings can be made. This page discusses how to set the Access Code to allow changes to this section of the on-screen menu.

(BEGIN)

1 ⟩ **Press the STATUS button** on the remote control to display the on-screen menu.

2 ⟩ **Press the CURSOR LEFT or RIGHT button** until the Personal Preference Icon ⊙ is highlighted.

3 ⟩ **Press the CURSOR DOWN button** to highlight the Features Icon ⊡.

4 ⟩ **Press the CURSOR RIGHT button** to highlight the first Features option **"Access code."**

5 ⟩ **Press the CURSOR RIGHT button, the screen will read, "[ ] [ ] [ ] [ ] Enter code."**

6 ⟩ Choose a four digit code and enter it by **pressing the NUM-BERED buttons** on the remote control. The on-screen menu will ask to **"Confirm code." Re-enter your chosen four digit access code.** The on-screen menu will display the **Child lock, Parental level, change country,** and **Change code** options.

7 ⟩ **Press the CURSOR UP or DOWN button** to select and highlight the option you wish to change.

8 ⟩ **Press the CURSOR RIGHT button** to enter the highlighted option choices.

9 ⟩ **Press the CURSOR UP or DOWN button** to choose one of the choices.

10 ⟩ **Press the OK button** to select or activate the chosen option.

11 ⟩ **Press the STATUS button** to clear the on-screen menu from the TV screen.

(STOP)
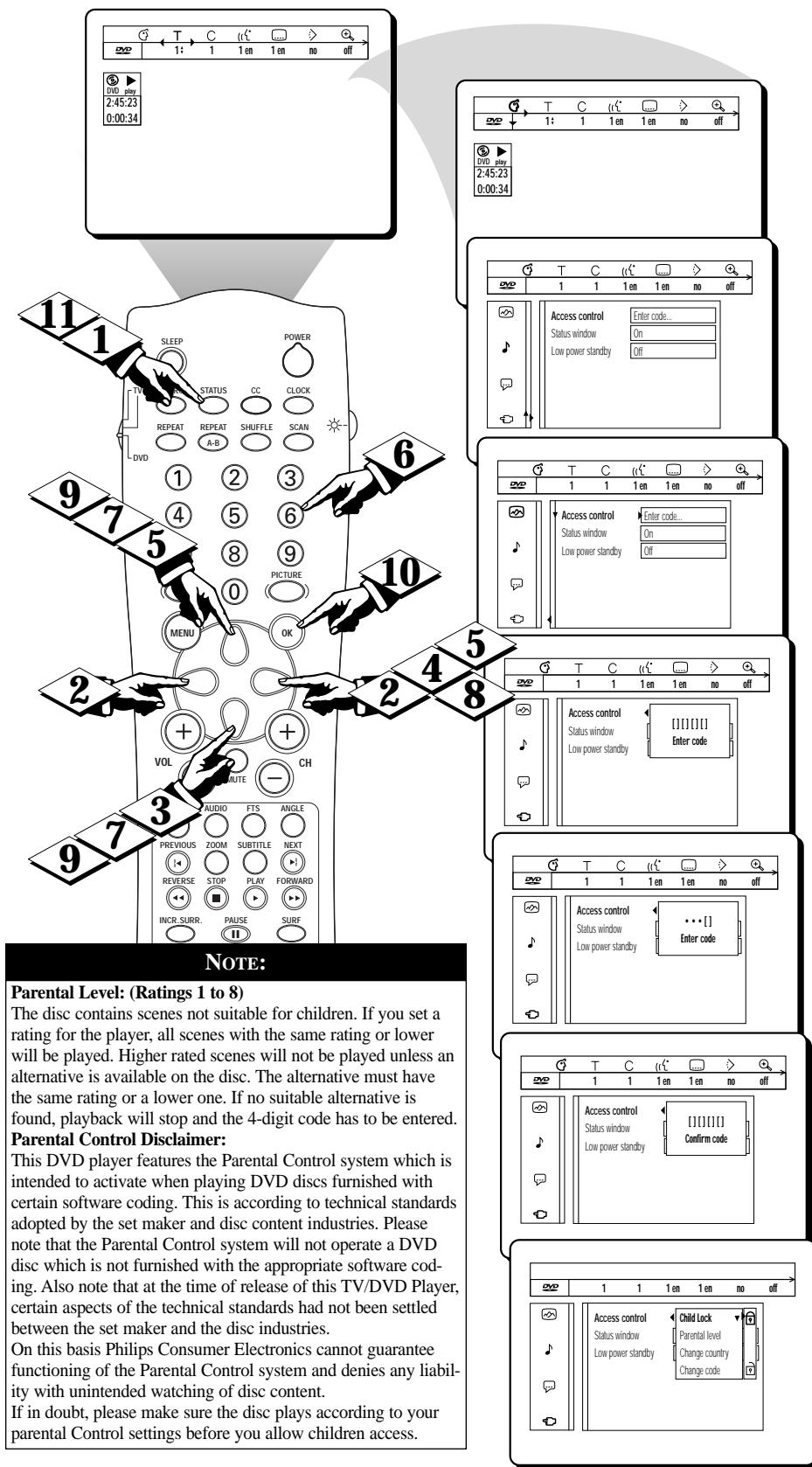
NOTE:

Parental Level: (Ratings 1 to 8)
The disc contains scenes not suitable for children. If you set a rating for the player, all scenes with the same rating or lower will be played. Higher rated scenes will not be played unless an alternative is available on the disc. The alternative must have the same rating or a lower one. If no suitable alternative is found, playback will stop and the 4-digit code has to be entered.

Parental Control Disclaimer:
This DVD player features the Parental Control system which is intended to activate when playing DVD discs furnished with certain software coding. This is according to technical standards adopted by the set maker and disc content industries. Please note that the Parental Control system will not operate a DVD disc which is not furnished with the appropriate software coding. Also note that at the time of release of this TV/DVD Player, certain aspects of the technical standards had not been settled between the set maker and the disc industries.
On this basis Philips Consumer Electronics cannot guarantee functioning of the Parental Control system and denies any liability with unintended watching of disc content.
If in doubt, please make sure the disc plays according to your parental Control settings before you allow children access.

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AUTHORIZING DISCS

When the Child Lock or Parental Level controls are on and a disc containing material that will be blocked is inserted, the disc must first be authorized before playback can occur.

BEGIN

1 With the TV/DVD Player turned on, **press the OPEN /CLOSE button** on the remote control.

2 Place the disc in the disc tray and **press the OPEN/CLOSE button** on the remote control.

3 If the disc has a rating equal to or higher than the level allowed, the child protect "Access control" dialog box will appear. **Press the CURSOR UP or DOWN button** to select **PLAY ONCE** or **PLAY ALWAYS.**

Play Once: The disc can be played as long as it is in the player and the player is ON.

Play Always: The disc will become child safe (or authorized) and can be played, even if the Child Lock control is set to ON.

4 **Press the NUMBERED buttons** on the remote to enter your four digit Access Code. The Disc will begin to play or bring you to a "disc menu" where you might have to select play.

DEAUTHORIZING A DISC:

5 Place the disc in the disc tray and **press the OPEN/CLOSE button.** Playback will begin automatically.

6 **Press the STOP ■ button** on the remote control while the smiley face is visible. The frownie face will appear and the disc is then deauthorized.

STOP

POWER

locked   Access Control
☺
▼ Play once   [ ] [ ] [ ] [ ]
   Play always   [ ] [ ] [ ] [ ] [ ]
Choose "Play always" to insert the disc in the child-safe list

locked   Access Control
☺
▼ Play once   • • [ ] [ ]
   Play always   [ ] [ ] [ ] [ ] [ ]
Choose "Play always" to insert the disc in the child-safe list
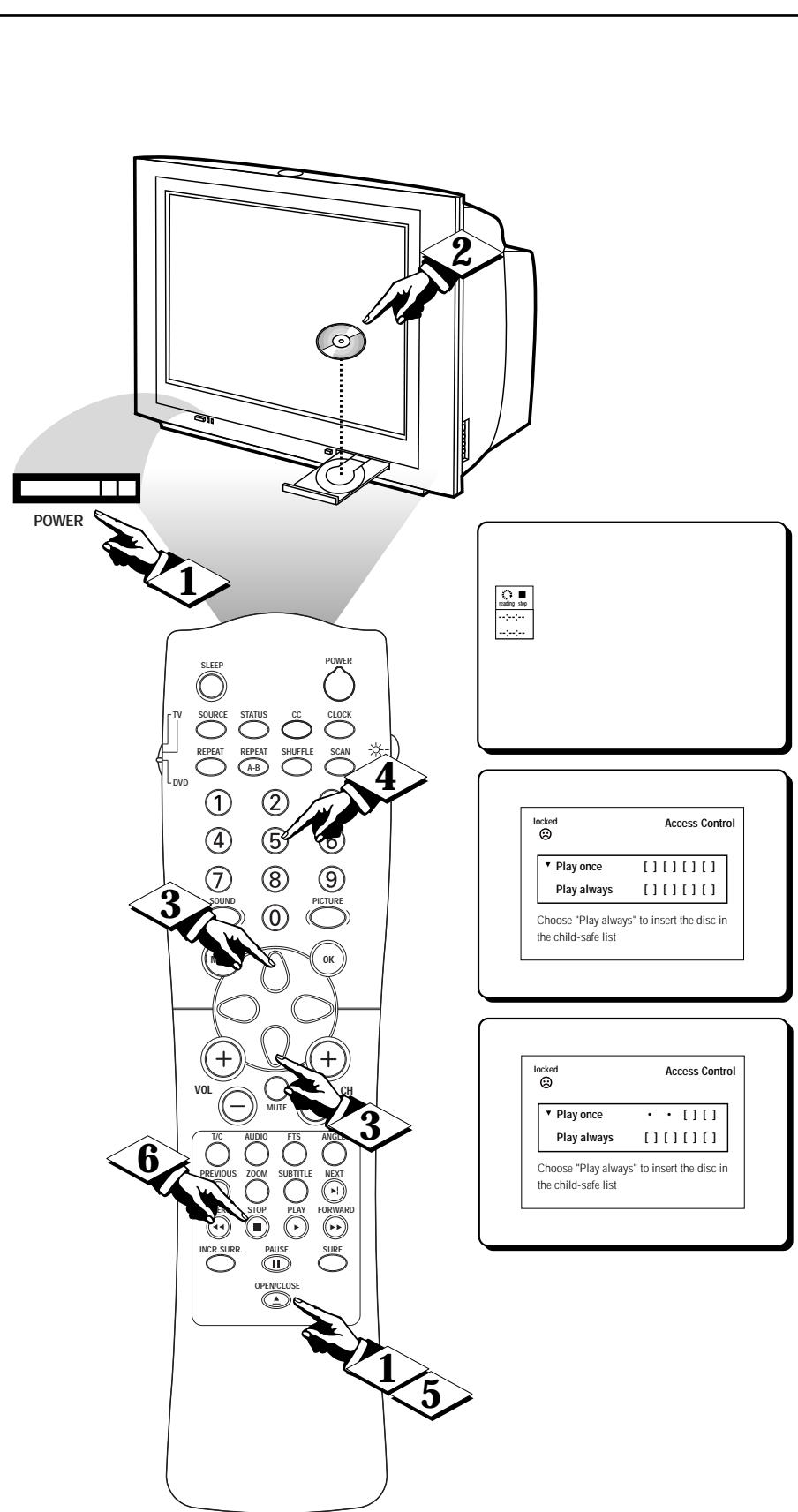
PLAYING A DVD OR VIDEO CD

After inserting a DVD or Video CD and closing the tray, playback will start automatically and the Status Window will show the type of disc loaded and the discs playing time. You may be asked to select an item from a menu on the disc itself. Use the CURSOR buttons to navigate the disc menu and press the OK button to activate your selection.

BEGIN

1 **Press the PLAY ▶ button** to start the playback of a DVD or Video CD.

2 **Press the STOP ■ button** on the remote control to stop the playback of a DVD or Video CD and return to the Status Window.

3 **Press the PAUSE II button** on the remote control to temporarily suspend playback. **Additional pressing of the PAUSE II button** will advance the playback one picture at a time.

4 **Press the PLAY ▶ button** on the remote control to continue normal playback of the disc.

5 When finished, **press the STOP ■ button** to stop playback of the disc and return to the Status Window.

STOP
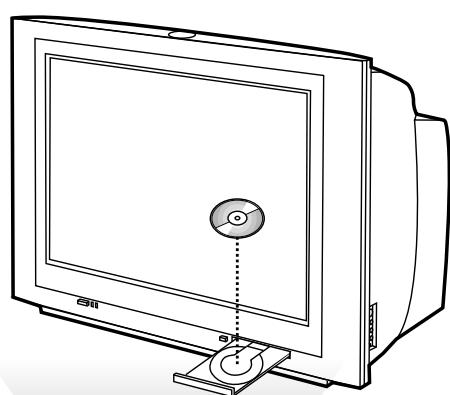
DVD Player will read the disc.

reading   stop
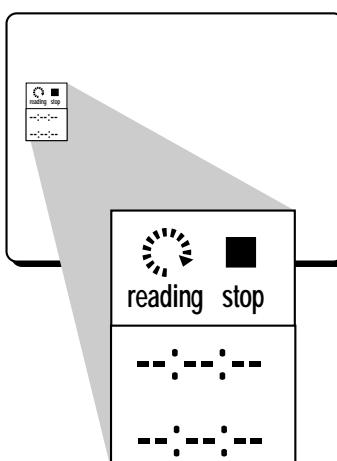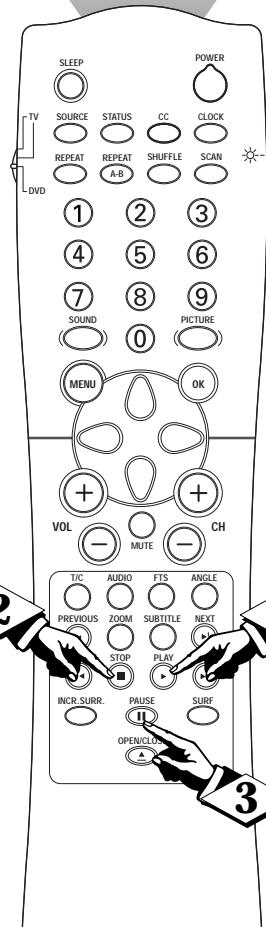
Playback of disc will start automatically.

MOVING TO ANOTHER TITLE OR TRACK

Note: Unless stated otherwise, all operations described on the next few pages are based on remote control operation.

When a disc has more than one Title or Track you can move to another Title or Track by the following steps:

(BEGIN)

1 With the disc playing, **press the T/C button.**

2 **Press the NEXT button** to advance the disc to the next available title or track.

3 **Press the PREVIOUS button** to move back to the beginning of the present title/track. Press twice to step back to the previous title or track.

STOP
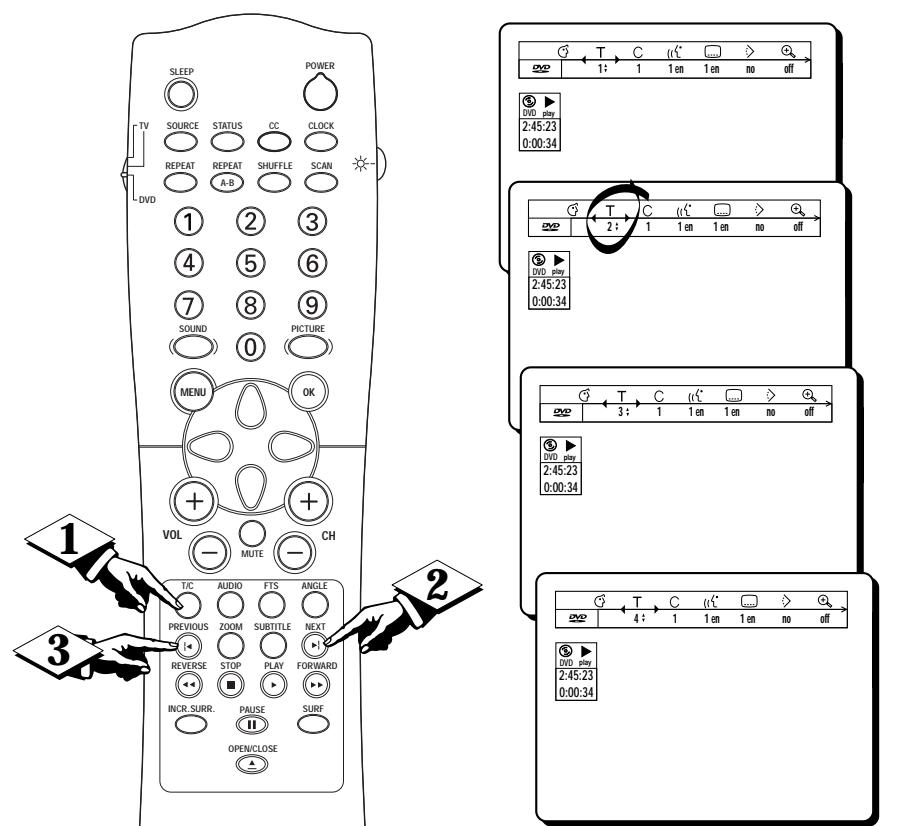
MOVING TO ANOTHER CHAPTER OR INDEX

When a disc has more than one Chapter or a track has more than one Index, you can move to another Chapter or Index by the following steps:

(BEGIN)

1 With the disc playing, **press the T/C button.**

2 **Press the CURSOR RIGHT button** to select "C" in the on-screen menu bar.

3 **Press the NEXT button** to advance the disc to the next available chapter or index.

4 **Press the PREVIOUS button** to move back to the beginning of the present chapter or index. Press twice to step back to the previous chapter or index.

STOP
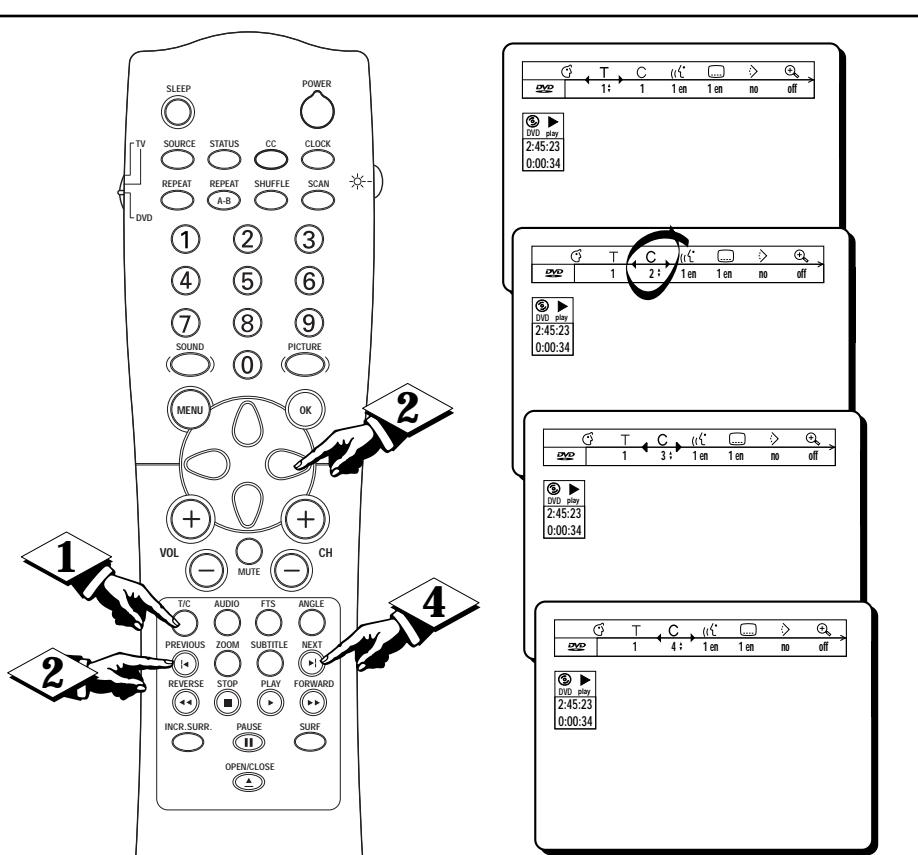
STILL PICTURE/PICTURE BY PICTURE PLAYBACK

BEGIN

1 With the disc playing, **press the PAUSE button.** The playback will freeze the picture on the screen.

2 **Press the PAUSE button repeatedly** to advance the playback of the disc "picture by picture."

3 **Press the PLAY button** to resume normal disc playback.

STOP
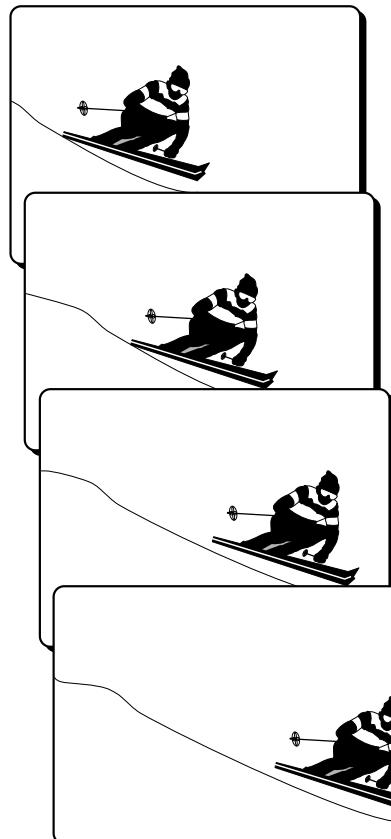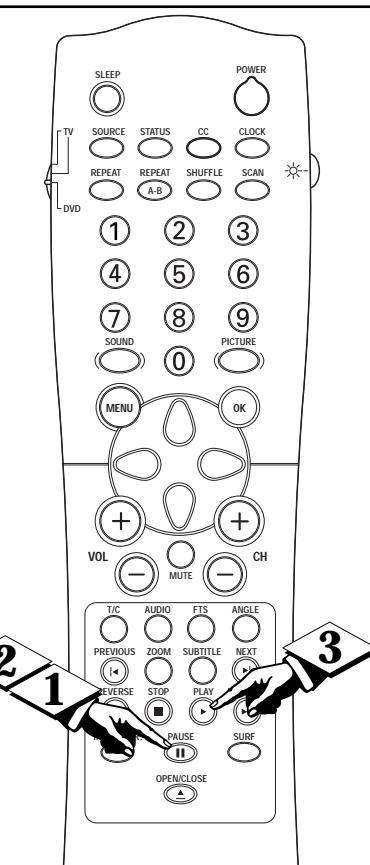
SEARCH FORWARD OR REVERSE

BEGIN

1 **Press the STATUS button** to display the on-screen menu bar.

2 **Press the CURSOR RIGHT button** to select ⧉ (Fast Motion) in the on-screen menu bar.

3 **Press the CURSOR DOWN button** to display the Fast Motion options.

4 **Press the CURSOR RIGHT or LEFT buttons** to select one of the Fast Motion options **(-32, -8, -4 reverse or +4, +8, +32 forward)**. Select 1 for normal viewing speed.

5 **Press the STATUS button** to remove the on-screen menu bar from the TV screen.

6 **Press the FORWARD or REVERSE buttons** to search through the disc at the speed you set.

7 **Press the PLAY button** to resume normal playback of the disc.

STOP
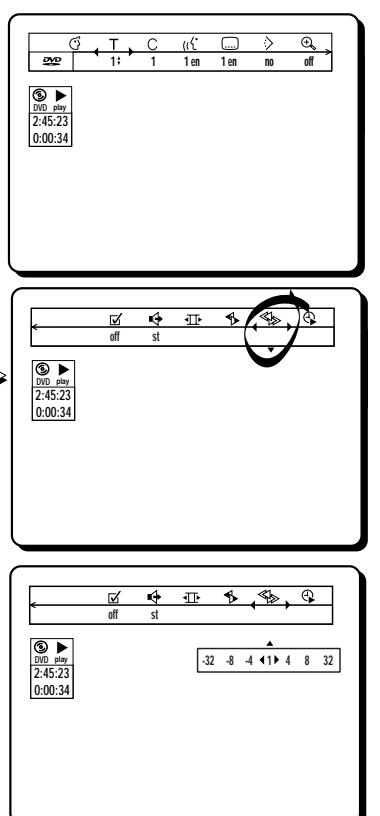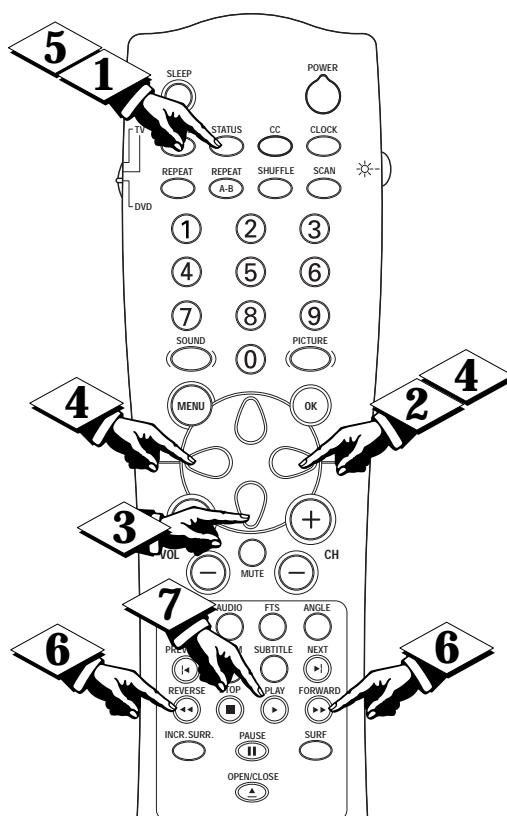
REPEAT
REPEAT A-B

Repeat chapter/Title/Index on DVD Video discs, or repeat Tracks or the disc on Video CDs.

BEGIN

1 **Press the REPEAT button once** to to repeat the playback of the current chapter.

2 **Press the REPEAT button twice** to repeat playback of the current title.

3 **Press the REPEAT button** a third time to repeat the entire disc.

4 **Press the REPEAT button** a fourth time to exit the Repeat mode.

5 **Press the REPEAT A-B button** at your chosen starting point. A- will appear briefly on the screen.

6 **Press the REPEAT A-B button** again at your chosen ending point. A-B will appear briefly on the display and the chosen length of playback will be repeated.

7 To exit the repeating sequence, **press the REPEAT A-B button again.**
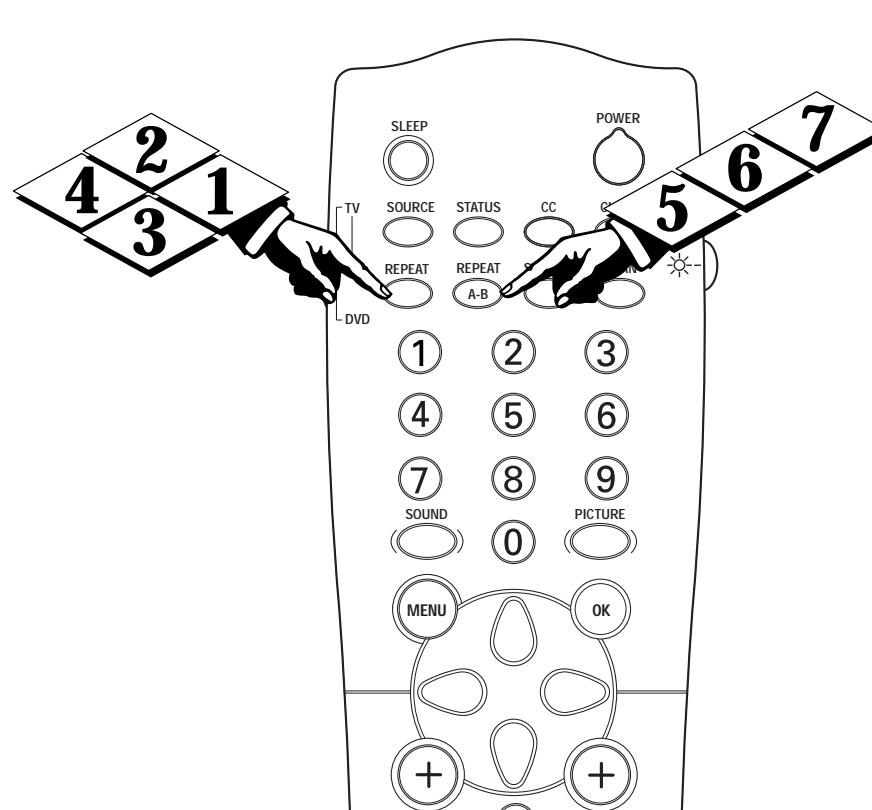
SHUFFLE

The Shuffle command will rearrange the playback order of chapters within a title in a Video CD or tracks of a music CD.

BEGIN

1 **Press the SHUFFLE button** to during playback. "Shuffle" will briefly appear on the screen.

2 To return to normal playback, **press the SHUFFLE button again.**

STOP
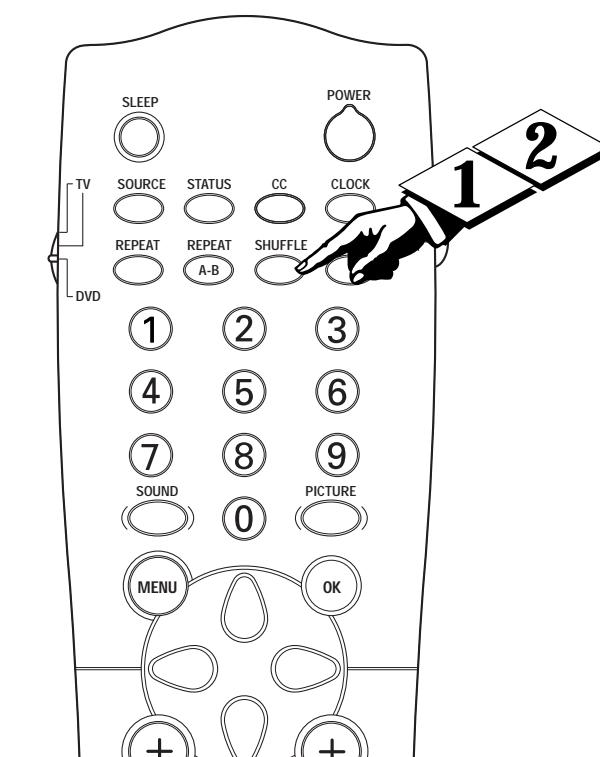
TIME SEARCH

The Time Search control allows you to start the playback at any chosen time on the disc

BEGIN

1. **Press the STATUS button** to display the on-screen menu bar.

2. **Press the CURSOR RIGHT button** until the Time Search ⊕ Icon is highlighted.

3. **Press the CURSOR DOWN button** to display the "time edit" box. The player will pause the playback of the disc.

4. **Press the NUMBERED buttons** to enter a specific time (hour/minutes/seconds).

5. **Press the OK button** to confirm the time and begin playback at that moment on the disc.

6. **Press the STATUS button** to remove the on-screen menu bar from the TV screen.

STOP
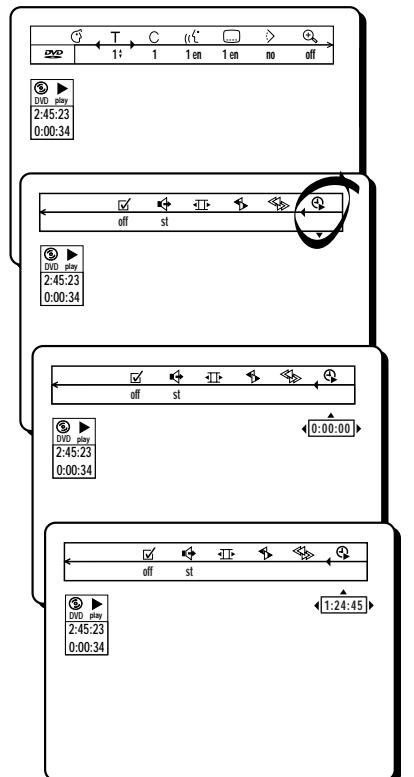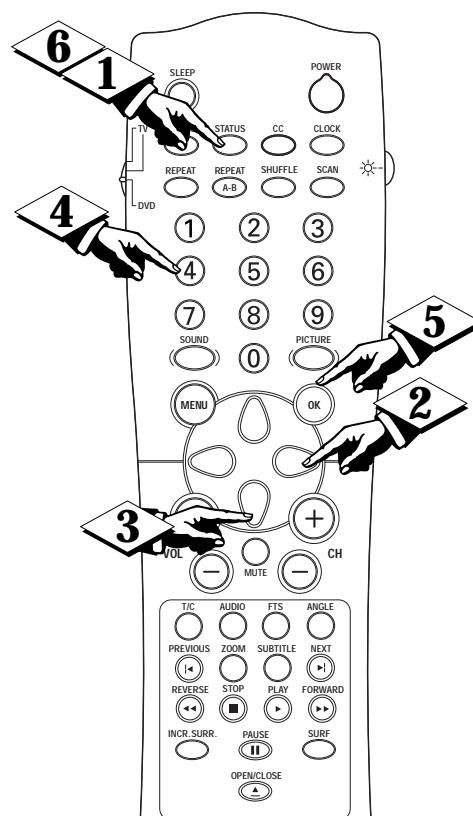
ZOOM

The Zoom control allows you to enlarge the video image and pan through the enlarged image.

BEGIN

1. **Press the ZOOM button** to display the on-screen menu bar with the Zoom Icon ⊕ highlighted.

2. **Press the CURSOR UP or DOWN buttons** to select the desired zoom factor (**1.33, 2 or 4**). The player will pause the disc and the selected zoom factor will be displayed below the Zoom Icon in the menu bar. The picture will reformat itself according to the selected zoom factor.

3. **Press the OK button to confirm** the selection. The "panning" icon will appear on the screen.

4. **Use the CURSOR UP, DOWN, Right or LEFT buttons** to pan the image.

5. **Press the PLAY button** to resume normal playback of the disc.

6. **Press the STATUS button** to remove the menu bar from the TV screen.

STOP
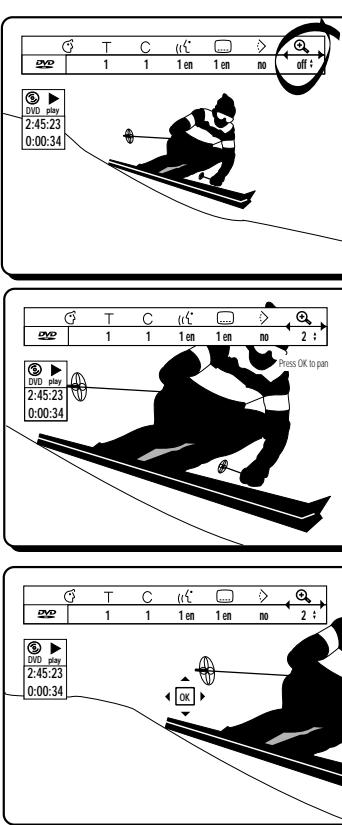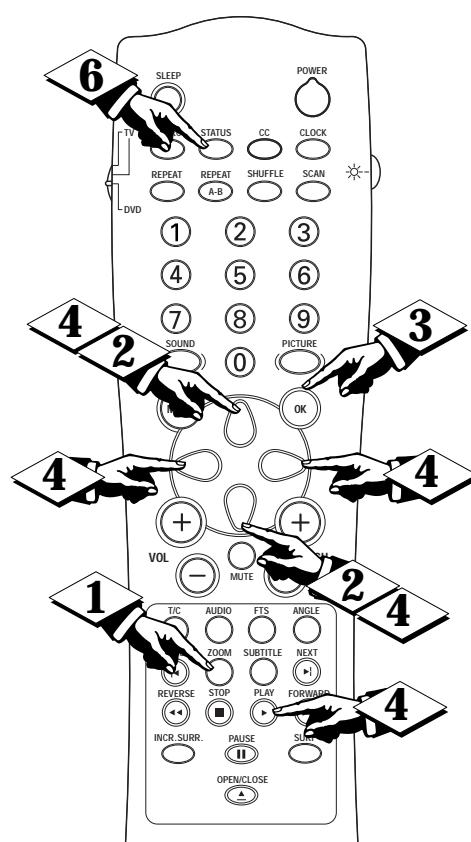
FAVORITE TRACK SELECTION - VIDEO

The FTS-Video control allows you to store your favorite titles/chapters (DVD) and favorite tracks/indexes (Video CD) for a particular disc in the players memory.

BEGIN

Storing a FTS-Video Program:

1. **Press the STATUS button** to display the on-screen menu bar.

2. **Press the CURSOR RIGHT button** until the Video FTS ☑ Icon is highlighted.

3. **Press the CURSOR DOWN button** to highlight the **ON/OFF** portion of the Favorite Track Selection dialogue box.

4. **Press the CURSOR RIGHT or LEFT button** to turn the FTS control ON or OFF.

Storing Titles/Tracks:

5. **Press the CURSOR DOWN button** to select Titles.

6. **Press the CURSOR RIGHT or LEFT buttons** to select the desired title number.

7. **Press the OK button** if you wish to store the entire title. The title number will be added to the list of selections.

Storing Chapters/Indexes:

8. **Press the CURSOR DOWN button** on the selected title number.

9. **Press the CURSOR RIGHT or LEFT button** to select the desired chapter number.

10. **Press the OK button** to confirm the selection. The title/chapter will be added to the list of selections.

11. **Press the STATUS button** to remove the on-screen menu bar from the TV screen.

STOP

			Favorite Track Selection							
	On	Off								
title	1	◄2►	3	4	5	6	7	8	9	10 >
chapter	1	2	3	4	5	6	7	8	9	10 >
program	[ ] Clear all									
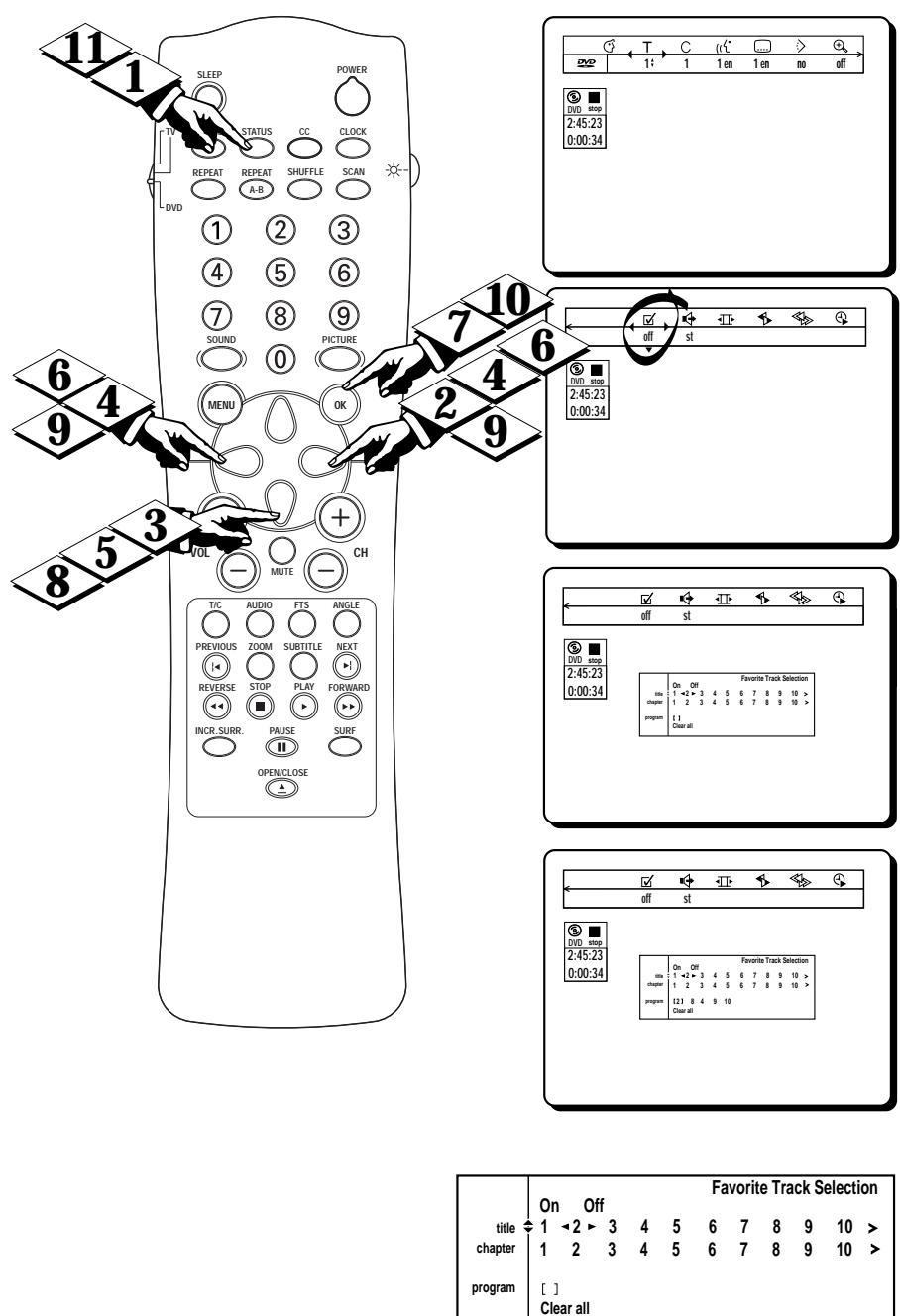
The Favorite Track Selection feature can be turned ON or OFF. Choose Tiles or Chapters to be added to the Program List in the order you want them to appear (Up to 20 selections per program).

ERASING A FAVORITE TRACK SELECTION

The FTS-Video control also allows you to customize or erase programming set up in the Favorite Track Selection memory of the TV/DVD Player.

(BEGIN)

Erasing a FTS-Video Program:

1. **Press the STOP button.**

2. **Press the STATUS button** to display the on-screen menu bar.

3. **Press the CURSOR RIGHT button** to select the Video FTS ☑ Icon in the menu bar.

4. **Press the CURSOR DOWN button** to select "Program."

5. **Press the CURSOR RIGHT or LEFT button** to select the number you wish to erase from the program.

6. **Press the OK button** to erase the selection.

7. **Press the STATUS button** to remove the menu bar from the TV screen.

Erasing All Selections from a FTS-Video Program:

8. **Press the STOP button.**

9. **Press the STATUS button** to display the on-screen menu bar.

10. **Press the CURSOR RIGHT button** to select the Video FTS ☑ Icon in the menu bar.

11. **Press the CURSOR DOWN button** to select "Clear All".

12. **Press the OK button.** All selections will be erased.

13. **Press the STATUS button** to remove the menu bar from the TV screen.

(STOP)
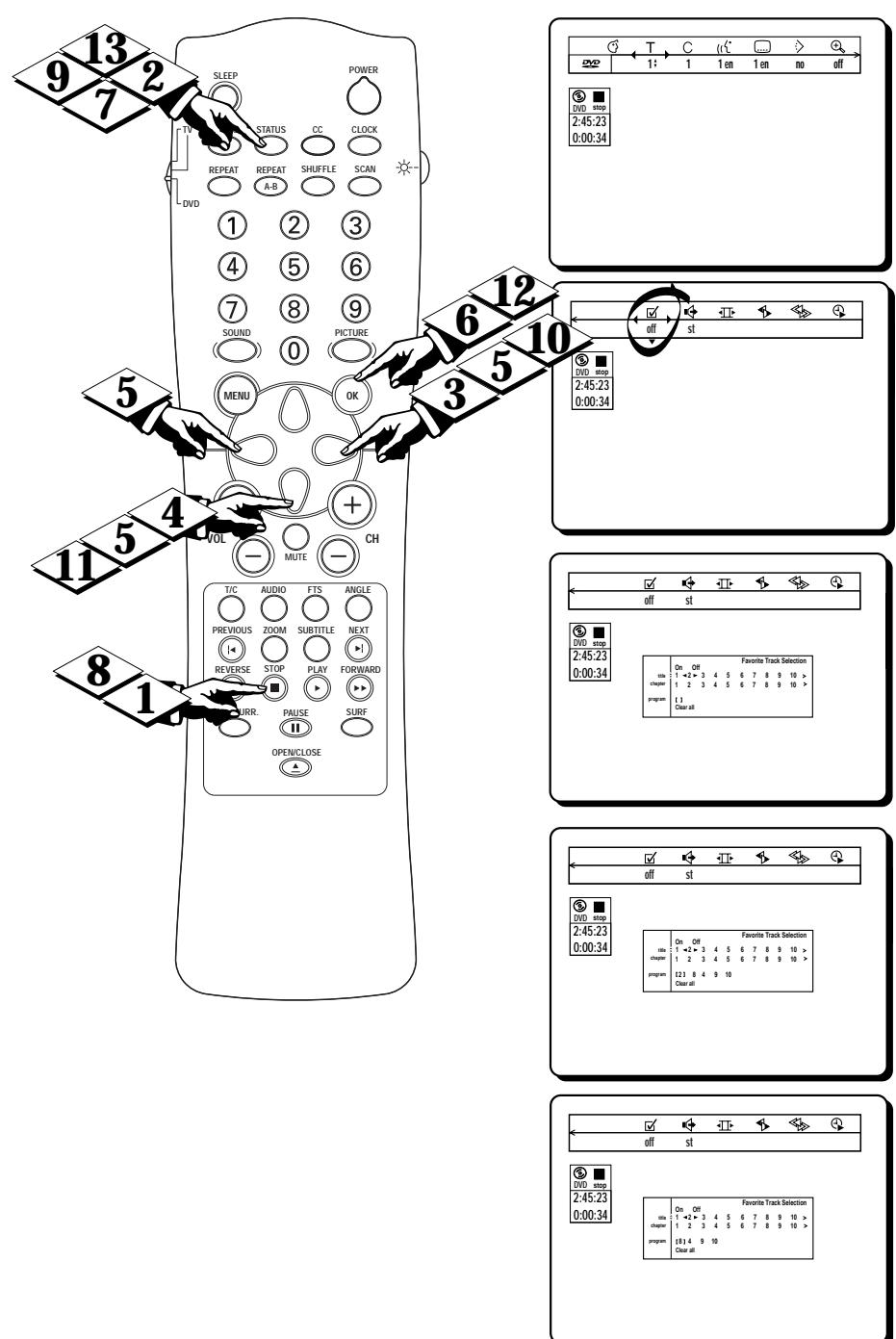
TITLE/CHAPTER/DISC MENUS

For titles and chapters, selection menus may be included on the disc. The DVD's menu feature allows you to make selections from these menus. Press the appropriate numerical buttons or use the CURSOR UP/DOWN, RIGHT/LEFT buttons to highlight your selection, then press the OK button to confirm.

BEGIN

1 > **With the disc playing, press the MENU button** to display the Title/Chapter menu. If no Title or Chapter menu is available, the Disc menu will be displayed.

The Title/Chapter/Disc Menu can list various features such as Camera Angles, Spoken Language, Subtitle Options, Chapter lists, or any Bonus Material specific to each disc.

2 > **Press the MENU button again** to resume playback.

STOP

Fantasic Studios Present...

A MOVIE

Titles
Chapters
Extras
Play
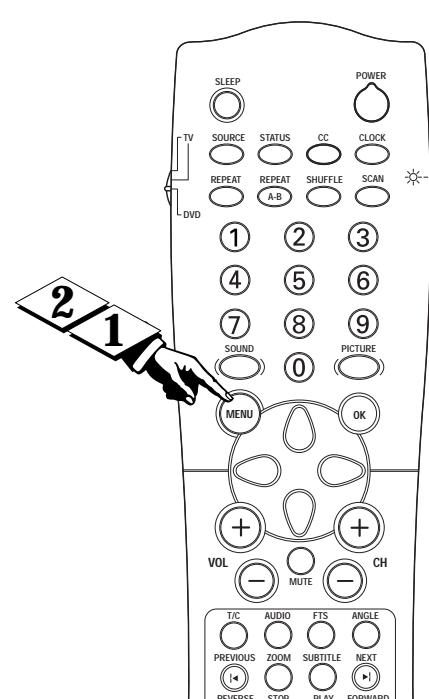
Disc Menus are specific to each disc. The features available are determined by the disc manufacturer. The features could vary widely from disc to disc. Use the CURSOR UP, DOWN, RIGHT, or LEFT to move to any listed feature, then press the OK button to select and activate that feature.

CAMERA ANGLE

If the disc contains sequences recorded from different camera angles, the angle icon appears, showing the number of available angles and the angle being shown currently. You can then change the camera angle. (Not all disc contain this type of information, so this feature may not be available on the disc your using.)

BEGIN

1 > **Press the ANGLE button** on the remote control to display the on-screen menu bar Angle Icon. If the X appears in the upper left corner of the screen, NO camera angles are available.

2 > **Press the CURSOR UP or DOWN button** to select the desired camera angle. After a small delay the playback will switch to the new camera angle.

STOP
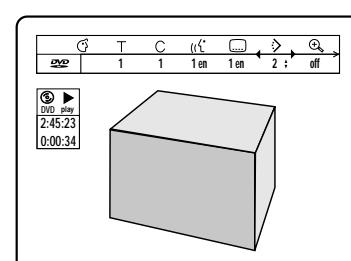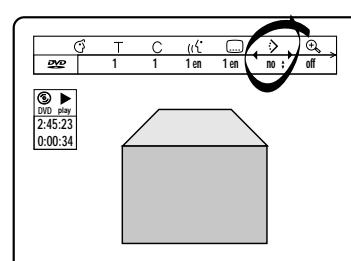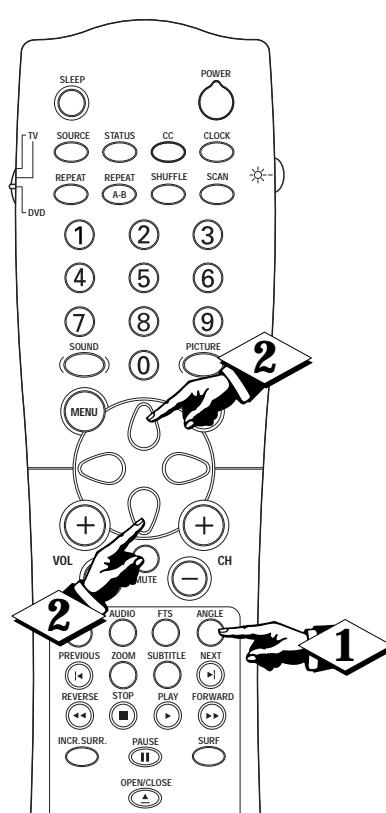
NOTE: The Camera Angle feature may not be available on the DVD or Video CD you are using. If it is not the X icon will appear on the screen when the ANGLE button is pressed.

AUDIO LANGUAGE

The following steps describe how to change the Audio Language control.

BEGIN

1 **Press the AUDIO button** on the remote control to display the on-screen menu bar with the Audio Icon highlighted.

2 **Press the CURSOR UP or DOWN button** repeatedly to scroll and select the available language options.

NOTE: Not all discs will contain different Audio Language options.

STOP
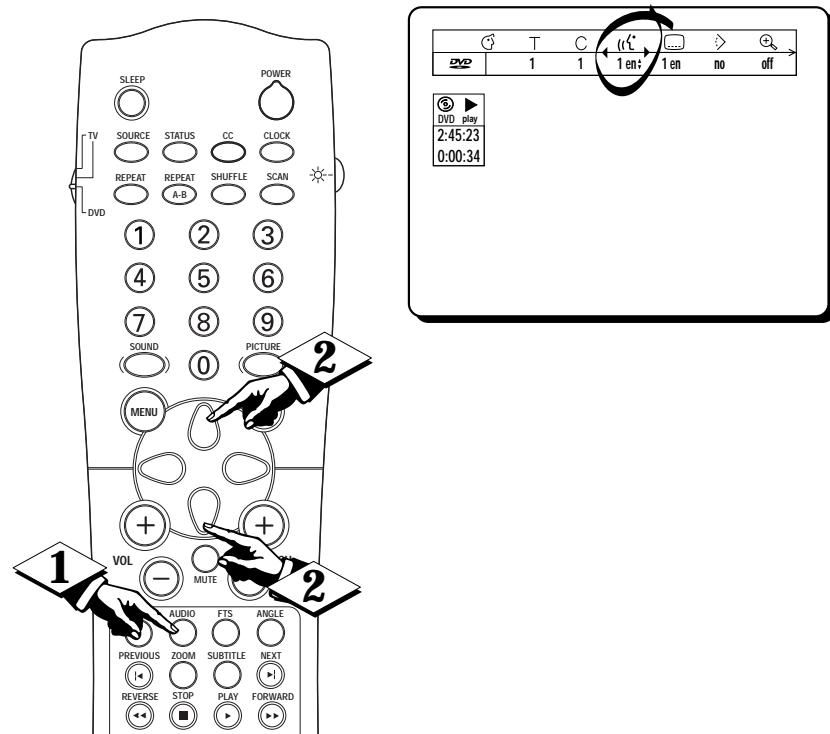
SUBTITLES

The following steps describe how to change the Subtitle Language control.

BEGIN

1 **Press the SUBTITLE button** on the remote control to display the on-screen menu bar with the Subtitle Icon highlighted.

2 **Press the CURSOR UP or DOWN button** repeatedly to scroll and select the available Subtitle options. Subtitles will automatically appear at the bottom of the screen. Or, choose OFF.

STOP

PLAYBACK CONTROL (PBC)

*S*ome Video CDs contain information that allow you to control the playback of the disc through a special playback menu.

(BEGIN)

1 **Load a Video CD with** Playback control and press the PLAY button to start the disc.

2 **Go through the menu with the buttons indicated on the TV screen** until your chosen passage starts to play. If a PBC menu consists of a list of title, you can select a title directly.

3 **Enter your choice with the NUMBERED buttons** (0-9).

4 **Press RETURN** to go back to the previous menu.

5 PBC can be set to **OFF** within the Personal Preference menu.

OPERATING THE DVD PLAYER - PLAYING AUDIO CDs

*W*hen an Audio CD is inserted into the DVD Player, playback will start automatically. The AUDIO CD dialogue box will appear on the screen giving information such as current track, time, total tracks, etc.

(BEGIN)

1 **Press the PLAY button** to begin playback of an audio disc that has been paused or stopped.

2 **Press the STOP button** at any time to suspend playback.

3 **Press the PAUSE button** to temporarily suspend playback. Press again to resume playback.

4 **Press the FORWARD or REVERSE buttons** to search the disc content in either direction.

5 **Press the NEXT or PREVIOUS buttons** to go to the next track or the previous track.

6 **Press the SHUFFLE button** to randomly change the play order of the tracks.

7 **Press the REPEAT button** to repeat the playback of a track or the entire disk.

8 **Press the REPEAT A-B button** at any point on the disc. Press again at any ending point on the disc. The chosen sequence will be repeated. Press a third time to exit the repeating sequence.

9 **Press the SCAN button** to hear 10 seconds of playback for each track on the disc.

FAVORITE TRACK SELECTION - AUDIO CD

FTS allows you to store your favorite tracks for a particular disc in the TV/DVD Player memory. Each FTS program can contain up to 20 tracks.

(BEGIN)

Storing an FTS Program:

1 **Load an audio CD and press the STOP button.**

2 **Press the CURSOR DOWN button** to highlight the list of available tracks.

3 **Press the CURSOR RIGHT or LEFT button** to highlight a specific track.

4 Or, **press the NUMBERED buttons (0-9)** to go directly to any track.

5 With the track number highlighted, **press the OK button** to store the track. Repeat for other tracks.

Switching FTS ON or OFF:

6 Within the Audio CD dialogue box, **press the CURSOR UP or DOWN button** to highlight the ON/OFF area.

7 **Press the CURSOR RIGHT or LEFT button** to select ON or OFF.

Erasing a Track from an FTS Program:

8 Within the Audio CD dialogue box, **press the CURSOR UP or DOWN button** to highlight "program."

9 **Press the CURSOR RIGHT or LEFT button** to select a specific track listed in the FTS Program.

10 **Press the OK button** to remove it.

Erasing a Complete FTS Program:

11 Within the Audio CD dialogue box, **press the CURSOR DOWN button** until "Clear All" is highlighted.

12 **Press the OK button** to erase the entire FTS Program.

Audio Disc Mode

▶	1	2.78	14	1.12.78
play	track	time	total tracks	total time
repeat track				

Favorite Track Selection

On ◂ Off
track   1 2 3 4 5 6 7 8 9 10 ▶
program [ ]
Clear all
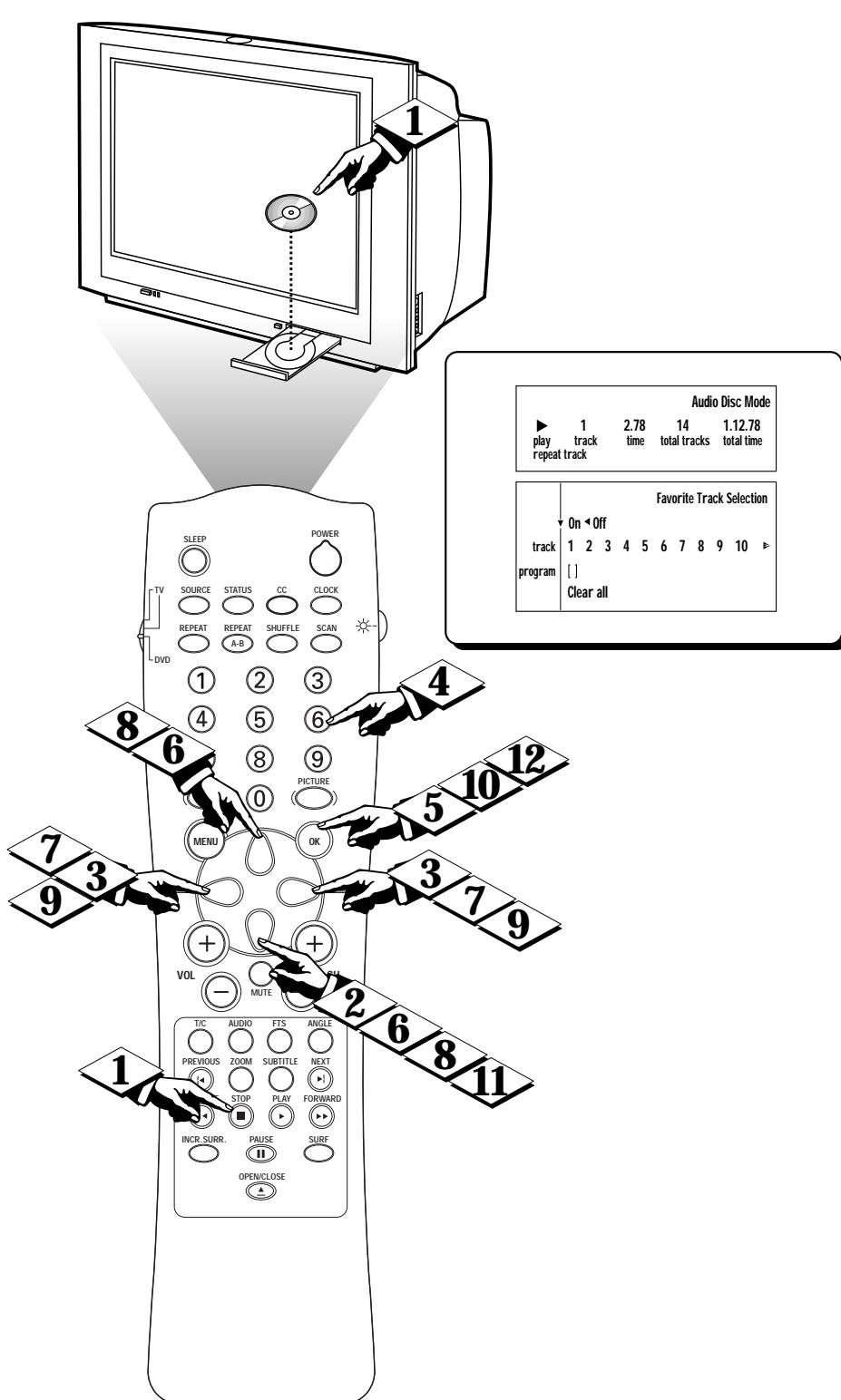
*P*_lease make these simple checks before calling for service. Because charges for TV installation and adjustment of customer controls are not covered under your warranty, these tips can save you time and money._

CAUTION: A video source (such as a video game, compact disc interactive [CDI], or TV information channel) that shows a constant non-moving pattern on the TV screen can cause picture tube damage. When your TV is continuously used with such a source, the pattern of the nonmoving portion of the game (or other source) can leave a permanent image on the picture tube. When you're not using the video source, turn it OFF. Also, regularly alternate the use of such video sources with normal TV viewing.

No Power

• Check the TV power cord. Unplug the TV, wait 10 seconds, then reinsert the plug into the outlet and push the POWER button again.
• Check that the outlet is not on a wall switch.
• Be sure the fuse is not blown on the AC power strip, if one is being used.

No Picture

• Check antenna connections. Are they properly secured to the TV's ANT 75Ω plug?
• Check the TUNER MODE control for the correct tuner setting.
• Try running the Auto Program feature to find all available channels.
• Press the AV button on the remote to make sure the correct signal source is selected (AV 1, AV 2, AV 3, or S-VIDEO).

No Sound

• Check the VOLUME buttons.
• Check the MUTE button on the remote control.
• Check the SPEAKER on-screen control. If it is in the OFF position, sound at the set will be eliminated.
• If you're attempting to hook up auxiliary equipment, check the audio jack connections.
• (If applicable) Check the audio receiver for the correct operating mode.

Remote Does Not Work

• Check the batteries. If necessary, replace them with AA Heavy Duty (Zinc Chloride) or Alkaline batteries.
• Clean the remote control and the remote control sensor window on the TV.
• Check the TV power cord. Unplug the TV, wait 10 seconds, then reinsert the plug into the outlet and push the POWER button again.
• Be sure the fuse is not blown on the AC power strip, if one is being used.
• Check to be sure the TV outlet is not on a wall switch.

TV Displays Wrong Channel or No Channels Above 13

• Repeat channel selection.
• Add the desired channel numbers (using the CHANNEL EDIT control) into the TV's memory.
• Check to be sure the TUNER MODES are set to the CABLE option and run the Auto Program feature to find all available channels.

Cleaning and Care

• To avoid possible shock hazard, be sure the TV is unplugged from the electrical outlet before cleaning.
• When you are cleaning the TV, take care not to scratch or damage the screen surface (avoid wearing jewelry or using anything abrasive). Wipe the front screen with a clean cloth dampened with water. Use even, easy, vertical strokes when cleaning.
• Gently wipe the cabinet surfaces with a clean cloth or sponge dampened in a solution of cool, clear water. Use a clean, dry cloth to dry the wiped surfaces.
• Never use thinners, insecticide sprays, or other chemicals on or near the cabinet, as they might cause permanent marring of the cabinet finish.

GLOSSARY OF TELEVISION TERMS

Alternate Channel • The feature that allows you to toggle between the last two channels viewed by pressing the A/CH button on the remote control.

Auto Programming • The feature that, when activated, scans for all available channels from regular antenna or cable signals and stores only active broadcast stations in the TV's memory.

Channel Edit • The feature that allows you to add or delete channels from the list of channels stored in the TV's memory. Channel Edit makes it easy to limit or expand the number of channels that are available to you when you press the Channel (+) or (–) buttons on your remote control.

Closed Captioning • The broadcast standard feature that allows you to read the voice content of television programs on the TV screen. Designed to help the hearing impaired, Closed Captioning uses on-screen "text boxes" to show dialogue and conversations while a TV program is in progress.

Coaxial Cable • A single, solid antenna wire normally matched with a metal plug (F type) end connector that screws (or pushes) directly onto a 75-ohm input found on the television or VCR.

Direct Audio/Video Inputs • Connectors, located on the rear of the TV, used for the input of audio and video signals. These inputs are designed for use with VCRs (or other accessories) in order to receive higher picture resolution and offer sound-connection options.

Identify • The method by which a TV remote control searches and finds an operating code for another product (such as a VCR or a cable converter). After the code has been "identified," the TV remote control can operate and send commands to the other product.

Incredible Stereo (or Surround) • False acoustic management of the audio signal that produces a dramatic expansion of the wall of sound that surrounds the listener and heightens overall viewing pleasure.

Menu • An on-screen listing of feature controls that are available for you to adjust.

Multichannel Television Sound (MTS) • The broadcast standard that allows for stereo sound to be transmitted with the TV picture.

On-screen Displays (OSD) • The wording or messages generated by the television (or VCR) to help you with specific feature controls (color adjustment or programming, for example).

Programming • The process of adding or deleting channel numbers into the television's memory circuits. Through programming, the TV "remembers" only the locally available or desired channel numbers and skips over any unwanted channel numbers.

Remote Control Sensor Window • The window or opening found on the television control panel and through which infrared remote control command signals are received.

Second Audio Program (SAP) • An additional audio channel provided for within the Multichannel Television Sound (MTS) broadcast standard. The most frequently proposed use for SAP is the simultaneous bilingual broadcast of TV material.

STATUS Button • The remote control function that allows you to quickly confirm what channel number is being viewed. *STATUS* also can be used to clear the television of on-screen displays or information (rather than waiting for the displays to "time out," or automatically disappear from the screen). In the **DVD mode**, pressing the STATUS button will display the DVD Player on-screen menu.

Twin-Lead Wire • The more commonly used name for the two-strand, 300-ohm antenna wire used with many indoor and outdoor antenna systems. In many cases, this type of antenna wire requires an additional adapter (or balun) in order to connect to the 75-ohm input terminals designed into the more recent TVs and VCRs.

INDEX

FACTORY SERVICE LOCATIONS

Detroit/Toledo
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★ Charlotte
Knoxville/E Tennessee
★ Pittsburgh/WV Area
Philadelphia/S New Jersey
Atlanta/N Georgia
● Dallas
★ Wash/Balt
★ Orlando
● Houston
Tampa/W Florida
★ Ft. Myers/SW Florida
★ Miami/SE Florida

★ Indicates In-Home Service Only
● Indicates In-Home/Carry-In Service

NOTE: If you reside in one of our Philips Factory Service Branch areas (see directory on back), you can contact the nearest Service Branch to obtain efficient and expedient repair for your product. If your product is In-Warranty, you should have proof-of-purchase to ensure No Charge Service. For Out-of-Warranty service, call the location nearest you.

NOTA: Si vous résidez dans une des régions desservies par une succursale de service après vente du fabricant Philips (voir liste ci-dessous), vous pourrez contacter la branche de service après vente la plus près de chez vous pour obtenir un service après vente rapide et efficace. Si le produit est sous garantie, il suffira de présenter une preuve d'achat pour bénéficier d'un service sans frais. Pour les produits non couverts par la garantie, con-tactez le centre le plus près de chez vous.

NOTA: Si Ud. reside en una de nuestras zonas para sucursales Philips de servicio al de fábrica (ver directorio más abajo), Ud. puede comunicarse con la sucursal de servicio más cercana para obtener una reparación oportuna y eficaz de su producto. Si su producto está todavía bajo garantía, Ud. debe presentar comprobante de compra para no ocasionar ningunos cargos por servicio. Para servicio después del vencimiento de la garantía, llame al lugar más cercano de los abajo indicados.

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How you can obtain efficient and expedient carry-in, mail-in, or in-home service for your product
Please contact Philips at   1-800-661-6162 (French speaking)
                                                 1-800-363-7278 (English speaking)

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Comment obtenir le service après-vente pour les produits apportés ou envoyés par la poste à notre centre de service ou le service à domicile
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FACTORY SERVICE LOCATIONS

QUALITY SERVICE IS AS CLOSE AS YOUR TELEPHONE! SIMPLY LOOK OVER THE LIST BELOW FOR THE NUMBER OF A FACTORY SERVICE CENTER NEAR YOU. YOUR PRODUCT WILL RECEIVE EFFICIENT AND EXPEDIENT CARRY-IN, MAIL-IN, OR IN-HOME SERVICE, AND YOU WILL RECEIVE PEACE OF MIND, KNOWING YOUR PRODUCT IS BEING GIVEN THE EXPERT ATTENTION OF PHILIPS' FACTORY SERVICE.

COMMENT OBTENIR NOTRE SERVICE APRÈS VENTE RAPIDE ET EFFICACE SOIT PAR COURRIER, À DOMICILE, OU EN SE PRÉSENTANT À UN CENTRE DE SERVICE PHILIPS. PLUS DE 600 CENTRES DE RÉCEPTION DE PRODUITS À RÉPARER À TRAVERS LE PAYS: CONTACTER LE CENTRE DE SERVICE AUX CONSOMMATEURS LE PLUS PROCHE POUR SAVOIR L'EMPLACEMENT DE CES DÉPÔTS DANS UN RAYON DE 50 À 75 MILES (80 KM À 120 KM) DU CENTRE DE SERVICE LOCAL.

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DALLAS
Philips Factory Service
415 N. Main Street, #107
Euless, TX 76040
800-952-3254

CHICAGO
Philips Factory Service
1279 W. Hamilton Pkwy.
Itasca, IL 60143
800-531-2922

KNOXVILLE
Philips Factory Service
6700 D Papermill Rd.
Knoxville, TN 37919
800-821-1767

PHILADELPHIA
Philips Factory Service
352 Dunks Ferry Rd.
Bensalem, PA 19020
800-847-9320

MAC2929 1/1/2001

LIMITED WARRANTY

COLOR TELEVISION
90 Days Free Labor
One Year Free Replacement of Parts (Two Years Free Replacement on Color Picture Tube)
This product can be repaired in-home.

WHO IS COVERED?
You must have proof of purchase to receive warranty service. A sales receipt or other document showing that you purchased the product is considered proof of purchase.

WHAT IS COVERED?
Warranty coverage begins the day you buy your product. *For 90 days thereafter,* all parts will be repaired or replaced free, and labor is free. From 90 days to one year from the day of purchase, all parts will be repaired or replaced free, but you pay for all labor charges. From one to two years from the day of purchase, you pay for the replacement or repair of all parts except the picture tube, and for all labor charges. After two years from the day of purchase, you pay for the replacement or repair of all parts, and for all labor charges.

All parts, including repaired and replaced parts, are covered only for the original warranty period. When the warranty on the product expires, the warranty on all replaced and repaired parts also expires.

WHAT IS EXCLUDED?
Your warranty does not cover:
- labor charges for installation or setup of the product, adjustment of customer controls on the product, and installation or repair of antenna systems outside of the product.
- product repair and/or part replacement because of misuse, accident, unauthorized repair or other cause not within the control of Philips Consumer Electronics Company.
- reception problems caused by signal conditions or cable or antenna systems outside the unit.
- a product that requires modification or adaptation to enable it to operate in any country other than the country for which it was designed, manufactured, approved and/or authorized, or repair of products damaged by these modifications.
- incidental or consequential damages resulting from the product. (Some states do not allow the exclusion of incidental or consequential damages, so the above exclusion may not apply to you. This includes, but is not limited to, prerecorded material, whether copyrighted or not copyrighted.)
- a product used for commercial or institutional purposes.

WHERE IS SERVICE AVAILABLE?
Warranty service is available in all countries where the product is officially distributed by Philips Consumer Electronics Company. In countries where Philips Consumer Electronics Company does not distribute the product, the local Philips service organization will attempt to provide service (although there may be a delay if the appropriate spare parts and technical manual(s) are not readily available).

MAKE SURE YOU KEEP...
Please keep your sales receipt or other document showing proof of purchase. Attach it to this owner's manual and keep both nearby. Also keep the original box and packing material in case you need to return your product.

BEFORE REQUESTING SERVICE...
Please check your owner's manual before requesting service. Adjustments of the controls discussed there may save you a service call.

TO GET WARRANTY SERVICE IN U.S.A., PUERTO RICO OR U.S. VIRGIN ISLANDS...
Contact a Philips factory service center (see enclosed list) or authorized service center to arrange repair.

(In U.S.A., Puerto Rico and U.S. Virgin Islands, all implied warranties, including implied warranties of merchantability and fitness for a particular purpose, are limited in duration to the duration of this express warranty. But, because some states do not allow limitations on how long an implied warranty may last, this limitation may not apply to you.)

TO GET WARRANTY SERVICE IN CANADA...
Please contact Philips at:

1-800-661-6162 (French Speaking)
1-800-363-7278 (English Speaking)

(In Canada, this warranty is given in lieu of all other warranties. No other warranties are expressed or implied, including any implied warranties of merchantability or fitness for a particular purpose. Philips is not liable under any circumstances for any direct, indirect, special, incidental or consequential damages, howsoever incurred, even if notified of the possibility of such damages.)

REMEMBER...
Please record the model and serial numbers found on the product below. Also, please fill out and mail your warranty registration card promptly. It will be easier for us to notify you if necessary.

MODEL # _____

SERIAL # _____

This warranty gives you specific legal rights. You may have other rights which vary from state/province to state/province.

Philips Consumer Electronics Company, P.O. Box 2976, Longview, Texas 75606, (903) 242-4800